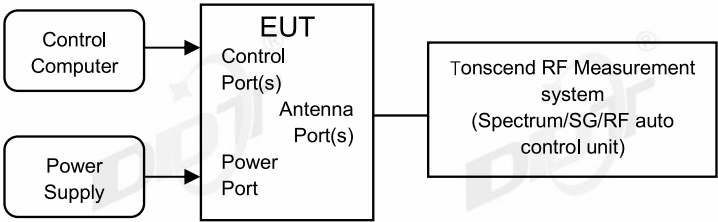


8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC: outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (24 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23 dBm) or $10 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
1 Watt (30 dBm)		5725-5850
Note 1: For FCC: B=26 bandwidth; For ISDE: B=99% bandwidth.		
Note 2: For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 7.0 dBi. The Output Power limit is the above limits-(7.0-6) dB		

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

8.4. Test result channel power

Test Engineer:	Haofeng	Test Site:	RF Measurement System 3#
Ambient Condition:	26.5℃,43.5%RH	Test Date:	2024.09.04-2024.09.06
Test Power Supply:	AC120V/60Hz	Sample Number:	S24072915-002

Test Mode	Antenna	Frequen cy [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	95.86	0.18	12.36	≤29.00	19.36	≤22.35	PASS
	Ant2	5180	95.86	0.18	12.12	≤29.00	19.12	≤22.35	PASS
	Ant1	5200	95.86	0.18	12.52	≤29.00	19.52	≤22.35	PASS
	Ant2	5200	95.86	0.18	12.24	≤29.00	19.24	≤22.35	PASS
	Ant1	5240	95.86	0.18	12.91	≤29.00	19.91	≤22.35	PASS
	Ant2	5240	95.86	0.18	12.62	≤29.00	19.62	≤22.35	PASS
	Ant1	5260	95.86	0.18	7.87	≤22.98	14.87	≤29.35	PASS
			95.86	0.18	13.97	≤22.98	20.97	≤29.35	PASS
	Ant2	5260	95.86	0.18	6.56	≤22.98	13.56	≤29.35	PASS
			95.86	0.18	13.13	≤22.98	20.13	≤29.35	PASS
	Ant1	5280	95.86	0.18	7.94	≤22.98	14.94	≤29.35	PASS
			95.86	0.18	14.10	≤22.98	21.10	≤29.35	PASS
	Ant2	5280	95.86	0.18	6.64	≤22.98	13.64	≤29.35	PASS
			95.86	0.18	13.18	≤22.98	20.18	≤29.35	PASS
	Ant1	5320	95.86	0.18	7.48	≤22.98	14.48	≤29.35	PASS
			95.86	0.18	13.66	≤22.98	20.66	≤29.35	PASS
	Ant2	5320	95.86	0.18	6.49	≤22.98	13.49	≤29.35	PASS
			95.86	0.18	12.87	≤22.98	19.87	≤29.35	PASS
	Ant1	5500	95.86	0.18	8.18	≤22.98	15.18	≤29.35	PASS
			95.86	0.18	14.22	≤22.98	21.22	≤29.35	PASS
	Ant2	5500	95.86	0.18	7.43	≤22.98	14.43	≤29.35	PASS
			95.86	0.18	14.13	≤22.98	21.13	≤29.35	PASS
	Ant1	5580	95.86	0.18	6.45	≤22.98	13.45	≤29.35	PASS
			95.86	0.18	12.73	≤22.98	19.73	≤29.35	PASS
	Ant2	5580	95.86	0.18	6.31	≤22.98	13.31	≤29.35	PASS
			95.86	0.18	12.92	≤22.98	19.92	≤29.35	PASS
	Ant1	5700	95.86	0.18	6.62	≤22.98	13.62	≤29.35	PASS
			95.86	0.18	12.95	≤22.98	19.95	≤29.35	PASS
	Ant2	5700	95.86	0.18	6.75	≤22.98	13.75	≤29.35	PASS
			95.86	0.18	13.33	≤22.98	20.33	≤29.35	PASS
	Ant1	5720	95.86	0.18	6.63	≤22.98	13.63	≤29.35	PASS
			95.86	0.18	13.46	≤22.98	20.46	≤29.35	PASS
	Ant2	5720	95.86	0.18	7.41	≤22.98	14.41	≤29.35	PASS
			95.86	0.18	13.72	≤22.98	20.72	≤29.35	PASS
	Ant1	5745	95.86	0.18	13.14	≤29.00	20.14	---	PASS
	Ant2	5745	95.86	0.18	12.85	≤29.00	19.85	---	PASS
	Ant1	5785	95.86	0.18	13.67	≤29.00	20.67	---	PASS
	Ant2	5785	95.86	0.18	13.53	≤29.00	20.53	---	PASS
	Ant1	5825	95.86	0.18	13.68	≤29.00	20.68	---	PASS
	Ant2	5825	95.86	0.18	13.61	≤29.00	20.61	---	PASS
11N20M IMO	Ant1	5180	91.78	0.37	9.83	≤29.00	16.83	≤22.35	PASS
	Ant2	5180	91.78	0.37	9.62	≤29.00	16.62	≤22.35	PASS
	total	5180	---	---	12.74	≤29.00	19.74	≤22.35	PASS
	Ant1	5200	91.78	0.37	9.97	≤29.00	16.97	≤22.35	PASS
	Ant2	5200	91.78	0.37	9.72	≤29.00	16.72	≤22.35	PASS
	total	5200	---	---	12.86	≤29.00	19.86	≤22.35	PASS
	Ant1	5240	91.78	0.37	10.37	≤29.00	17.37	≤22.35	PASS
	Ant2	5240	91.78	0.37	10.14	≤29.00	17.14	≤22.35	PASS
	total	5240	---	---	13.27	≤29.00	20.27	≤22.35	PASS
	Ant1	5260	91.78	0.37	5.34	≤22.98	12.34	≤29.35	PASS
			91.78	0.37	11.44	≤22.98	18.44	≤29.35	PASS
	Ant2	5260	91.78	0.37	4.09	≤22.98	11.09	≤29.35	PASS
			91.78	0.37	10.69	≤22.98	17.69	≤29.35	PASS
	total	5260	---	---	7.77	≤22.98	14.77	≤29.35	PASS
			---	---	14.09	≤22.98	21.09	≤29.35	PASS
	Ant1	5280	91.78	0.37	5.37	≤22.98	12.37	≤29.35	PASS
			91.78	0.37	11.55	≤22.98	18.55	≤29.35	PASS

	Ant2	5280	91.78	0.37	4.17	≤22.98	11.17	≤29.35	PASS
			91.78	0.37	10.72	≤22.98	17.72	≤29.35	PASS
	total	5280	---	---	7.82	≤22.98	14.82	≤29.35	PASS
			---	---	14.17	≤22.98	21.17	≤29.35	PASS
	Ant1	5320	91.78	0.37	5.00	≤22.98	12.00	≤29.35	PASS
			91.78	0.37	11.16	≤22.98	18.16	≤29.35	PASS
	Ant2	5320	91.78	0.37	4.11	≤22.98	11.11	≤29.35	PASS
			91.78	0.37	10.46	≤22.98	17.46	≤29.35	PASS
	total	5320	---	---	7.59	≤22.98	14.59	≤29.35	PASS
			---	---	13.83	≤22.98	20.83	≤29.35	PASS
	Ant1	5500	91.78	0.37	5.63	≤22.98	12.63	≤29.35	PASS
			91.78	0.37	11.73	≤22.98	18.73	≤29.35	PASS
	Ant2	5500	91.78	0.37	4.89	≤22.98	11.89	≤29.35	PASS
			91.78	0.37	11.70	≤22.98	18.70	≤29.35	PASS
	total	5500	---	---	8.29	≤22.98	15.29	≤29.35	PASS
			---	---	14.73	≤22.98	21.73	≤29.35	PASS
	Ant1	5580	91.78	0.37	3.96	≤22.98	10.96	≤29.35	PASS
			91.78	0.37	10.18	≤22.98	17.18	≤29.35	PASS
	Ant2	5580	91.78	0.37	3.82	≤22.98	10.82	≤29.35	PASS
			91.78	0.37	10.49	≤22.98	17.49	≤29.35	PASS
	total	5580	---	---	6.90	≤22.98	13.90	≤29.35	PASS
			---	---	13.35	≤22.98	20.35	≤29.35	PASS
	Ant1	5700	91.78	0.37	4.13	≤22.98	11.13	≤29.35	PASS
			91.78	0.37	10.41	≤22.98	17.41	≤29.35	PASS
	Ant2	5700	91.78	0.37	4.25	≤22.98	11.25	≤29.35	PASS
			91.78	0.37	10.80	≤22.98	17.80	≤29.35	PASS
	total	5700	---	---	7.20	≤22.98	14.20	≤29.35	PASS
			---	---	13.62	≤22.98	20.62	≤29.35	PASS
	Ant1	5720	91.78	0.37	4.19	≤22.98	11.19	≤29.35	PASS
			91.78	0.37	10.94	≤22.98	17.94	≤29.35	PASS
	Ant2	5720	91.78	0.37	4.87	≤22.98	11.87	≤29.35	PASS
			91.78	0.37	11.24	≤22.98	18.24	≤29.35	PASS
	total	5720	---	---	7.55	≤22.98	14.55	≤29.35	PASS
			---	---	14.10	≤22.98	21.10	≤29.35	PASS
	Ant1	5745	91.78	0.37	10.60	≤29.00	17.60	---	PASS
	Ant2	5745	91.78	0.37	10.39	≤29.00	17.39	---	PASS
	total	5745	---	---	13.51	≤29.00	20.51	---	PASS
	Ant1	5785	91.78	0.37	11.18	≤29.00	18.18	---	PASS
	Ant2	5785	91.78	0.37	11.07	≤29.00	18.07	---	PASS
	total	5785	---	---	14.14	≤29.00	21.14	---	PASS
	Ant1	5825	91.78	0.37	11.22	≤29.00	18.22	---	PASS
	Ant2	5825	91.78	0.37	11.16	≤29.00	18.16	---	PASS
	total	5825	---	---	14.20	≤29.00	21.20	---	PASS
11N40M IMO	Ant1	5190	85.00	0.71	11.32	≤29.00	18.32	≤22.35	PASS
	Ant2	5190	85.00	0.71	11.07	≤29.00	18.07	≤22.35	PASS
	total	5190	---	---	14.21	≤29.00	21.21	≤22.35	PASS
	Ant1	5230	85.00	0.71	11.62	≤29.00	18.62	≤22.35	PASS
	Ant2	5230	85.00	0.71	11.39	≤29.00	18.39	≤22.35	PASS
	total	5230	---	---	14.52	≤29.00	21.52	≤22.35	PASS
	Ant1	5270	85.00	0.71	5.45	≤22.98	12.45	≤29.35	PASS
			85.00	0.71	11.68	≤22.98	18.68	≤29.35	PASS
	Ant2	5270	85.00	0.71	4.21	≤22.98	11.21	≤29.35	PASS
			85.00	0.71	10.88	≤22.98	17.88	≤29.35	PASS
	total	5270	---	---	7.88	≤22.98	14.88	≤29.35	PASS
			---	---	14.31	≤22.98	21.31	≤29.35	PASS
	Ant1	5310	85.00	0.71	5.25	≤22.98	12.25	≤29.35	PASS
			85.00	0.71	11.50	≤22.98	18.50	≤29.35	PASS
	Ant2	5310	85.00	0.71	4.27	≤22.98	11.27	≤29.35	PASS
			85.00	0.71	10.71	≤22.98	17.71	≤29.35	PASS
	total	5310	---	---	7.80	≤22.98	14.80	≤29.35	PASS
			---	---	14.13	≤22.98	21.13	≤29.35	PASS
	Ant1	5510	85.00	0.71	5.95	≤22.98	12.95	≤29.35	PASS
			85.00	0.71	12.07	≤22.98	19.07	≤29.35	PASS
	Ant2	5510	85.00	0.71	5.11	≤22.98	12.11	≤29.35	PASS
			85.00	0.71	12.02	≤22.98	19.02	≤29.35	PASS
	total	5510	---	---	8.56	≤22.98	15.56	≤29.35	PASS
			---	---	15.06	≤22.98	22.06	≤29.35	PASS

	Ant1	5550	85.00	0.71	6.30	≤22.98	13.30	≤29.35	PASS
			85.00	0.71	12.50	≤22.98	19.50	≤29.35	PASS
	Ant2	5550	85.00	0.71	5.50	≤22.98	12.50	≤29.35	PASS
			85.00	0.71	12.35	≤22.98	19.35	≤29.35	PASS
	total	5550	---	---	8.93	≤22.98	15.93	≤29.35	PASS
			---	---	15.44	≤22.98	22.44	≤29.35	PASS
	Ant1	5670	85.00	0.71	4.67	≤22.98	11.67	≤29.35	PASS
			85.00	0.71	10.88	≤22.98	17.88	≤29.35	PASS
	Ant2	5670	85.00	0.71	3.91	≤22.98	10.91	≤29.35	PASS
			85.00	0.71	10.76	≤22.98	17.76	≤29.35	PASS
	total	5670	---	---	7.32	≤22.98	14.32	≤29.35	PASS
			---	---	13.83	≤22.98	20.83	≤29.35	PASS
	Ant1	5710	85.00	0.71	4.57	≤22.98	11.57	≤29.35	PASS
			85.00	0.71	11.07	≤22.98	18.07	≤29.35	PASS
	Ant2	5710	85.00	0.71	4.89	≤22.98	11.89	≤29.35	PASS
			85.00	0.71	11.41	≤22.98	18.41	≤29.35	PASS
	total	5710	---	---	7.74	≤22.98	14.74	≤29.35	PASS
			---	---	14.25	≤22.98	21.25	≤29.35	PASS
	Ant1	5755	85.00	0.71	11.04	≤29.00	18.04	---	PASS
	Ant2	5755	85.00	0.71	10.79	≤29.00	17.79	---	PASS
	total	5755	---	---	13.93	≤29.00	20.93	---	PASS
	Ant1	5795	85.00	0.71	11.32	≤29.00	18.32	---	PASS
	Ant2	5795	85.00	0.71	11.23	≤29.00	18.23	---	PASS
	total	5795	---	---	14.29	≤29.00	21.29	---	PASS
11AC20 MIMO	Ant1	5180	91.89	0.37	9.41	≤29.00	16.41	≤22.35	PASS
	Ant2	5180	91.89	0.37	9.39	≤29.00	16.39	≤22.35	PASS
	total	5180	---	---	12.41	≤29.00	19.41	≤22.35	PASS
	Ant1	5200	91.89	0.37	9.59	≤29.00	16.59	≤22.35	PASS
	Ant2	5200	91.89	0.37	9.51	≤29.00	16.51	≤22.35	PASS
	total	5200	---	---	12.56	≤29.00	19.56	≤22.35	PASS
	Ant1	5240	91.89	0.37	10.10	≤29.00	17.10	≤22.35	PASS
	Ant2	5240	91.89	0.37	9.91	≤29.00	16.91	≤22.35	PASS
	total	5240	---	---	13.02	≤29.00	20.02	≤22.35	PASS
	Ant1	5260	91.89	0.37	5.15	≤22.98	12.15	≤29.35	PASS
			91.89	0.37	11.27	≤22.98	18.27	≤29.35	PASS
	Ant2	5260	91.89	0.37	4.11	≤22.98	11.11	≤29.35	PASS
			91.89	0.37	10.50	≤22.98	17.50	≤29.35	PASS
	total	5260	---	---	7.67	≤22.98	14.67	≤29.35	PASS
			---	---	13.91	≤22.98	20.91	≤29.35	PASS
	Ant1	5280	91.89	0.37	5.21	≤22.98	12.21	≤29.35	PASS
			91.89	0.37	11.37	≤22.98	18.37	≤29.35	PASS
	Ant2	5280	91.89	0.37	4.23	≤22.98	11.23	≤29.35	PASS
			91.89	0.37	10.52	≤22.98	17.52	≤29.35	PASS
	total	5280	---	---	7.76	≤22.98	14.76	≤29.35	PASS
			---	---	13.98	≤22.98	20.98	≤29.35	PASS
	Ant1	5320	91.89	0.37	4.83	≤22.98	11.83	≤29.35	PASS
			91.89	0.37	11.02	≤22.98	18.02	≤29.35	PASS
	Ant2	5320	91.89	0.37	4.12	≤22.98	11.12	≤29.35	PASS
			91.89	0.37	10.23	≤22.98	17.23	≤29.35	PASS
	total	5320	---	---	7.50	≤22.98	14.50	≤29.35	PASS
			---	---	13.65	≤22.98	20.65	≤29.35	PASS
	Ant1	5500	91.89	0.37	5.48	≤22.98	12.48	≤29.35	PASS
			91.89	0.37	11.62	≤22.98	18.62	≤29.35	PASS
	Ant2	5500	91.89	0.37	4.91	≤22.98	11.91	≤29.35	PASS
			91.89	0.37	11.44	≤22.98	18.44	≤29.35	PASS
	total	5500	---	---	8.21	≤22.98	15.21	≤29.35	PASS
			---	---	14.54	≤22.98	21.54	≤29.35	PASS
	Ant1	5580	91.89	0.37	3.77	≤22.98	10.77	≤29.35	PASS
			91.89	0.37	9.89	≤22.98	16.89	≤29.35	PASS
	Ant2	5580	91.89	0.37	3.86	≤22.98	10.86	≤29.35	PASS
			91.89	0.37	10.45	≤22.98	17.45	≤29.35	PASS
	total	5580	---	---	6.83	≤22.98	13.83	≤29.35	PASS
			---	---	13.19	≤22.98	20.19	≤29.35	PASS
	Ant1	5700	91.89	0.37	3.94	≤22.98	10.94	≤29.35	PASS
			91.89	0.37	10.47	≤22.98	17.47	≤29.35	PASS
	Ant2	5700	91.89	0.37	4.26	≤22.98	11.26	≤29.35	PASS
			91.89	0.37	10.60	≤22.98	17.60	≤29.35	PASS

	total	5700	---	---	7.11	≤22.98	14.11	≤29.35	PASS
			---	---	13.55	≤22.98	20.55	≤29.35	PASS
	Ant1	5720	91.89	0.37	4.02	≤22.98	11.02	≤29.35	PASS
			91.89	0.37	10.90	≤22.98	17.90	≤29.35	PASS
	Ant2	5720	91.89	0.37	4.87	≤22.98	11.87	≤29.35	PASS
			91.89	0.37	11.10	≤22.98	18.10	≤29.35	PASS
	total	5720	---	---	7.48	≤22.98	14.48	≤29.35	PASS
			---	---	14.01	≤22.98	21.01	≤29.35	PASS
	Ant1	5745	91.89	0.37	10.51	≤29.00	17.51	---	PASS
	Ant2	5745	91.89	0.37	10.29	≤29.00	17.29	---	PASS
	total	5745	---	---	13.41	≤29.00	20.41	---	PASS
	Ant1	5785	91.89	0.37	11.23	≤29.00	18.23	---	PASS
	Ant2	5785	91.89	0.37	10.91	≤29.00	17.91	---	PASS
	total	5785	---	---	14.08	≤29.00	21.08	---	PASS
	Ant1	5825	91.89	0.37	11.32	≤29.00	18.32	---	PASS
	Ant2	5825	91.89	0.37	10.87	≤29.00	17.87	---	PASS
	total	5825	---	---	14.11	≤29.00	21.11	---	PASS
11AC40 MIMO	Ant1	5190	85.37	0.69	11.07	≤29.00	18.07	≤22.35	PASS
	Ant2	5190	85.37	0.69	10.98	≤29.00	17.98	≤22.35	PASS
	total	5190	---	---	14.04	≤29.00	21.04	≤22.35	PASS
	Ant1	5230	85.37	0.69	11.45	≤29.00	18.45	≤22.35	PASS
	Ant2	5230	85.37	0.69	11.29	≤29.00	18.29	≤22.35	PASS
	total	5230	---	---	14.38	≤29.00	21.38	≤22.35	PASS
	Ant1	5270	85.37	0.69	5.22	≤22.98	12.22	≤29.35	PASS
			85.37	0.69	11.56	≤22.98	18.56	≤29.35	PASS
	Ant2	5270	85.37	0.69	4.22	≤22.98	11.22	≤29.35	PASS
			85.37	0.69	10.73	≤22.98	17.73	≤29.35	PASS
	total	5270	---	---	7.76	≤22.98	14.76	≤29.35	PASS
			---	---	14.18	≤22.98	21.18	≤29.35	PASS
	Ant1	5310	85.37	0.69	5.11	≤22.98	12.11	≤29.35	PASS
			85.37	0.69	11.44	≤22.98	18.44	≤29.35	PASS
	Ant2	5310	85.37	0.69	4.29	≤22.98	11.29	≤29.35	PASS
			85.37	0.69	10.58	≤22.98	17.58	≤29.35	PASS
	total	5310	---	---	7.73	≤22.98	14.73	≤29.35	PASS
			---	---	14.04	≤22.98	21.04	≤29.35	PASS
	Ant1	5510	85.37	0.69	5.74	≤22.98	12.74	≤29.35	PASS
			85.37	0.69	11.97	≤22.98	18.97	≤29.35	PASS
	Ant2	5510	85.37	0.69	5.12	≤22.98	12.12	≤29.35	PASS
			85.37	0.69	11.81	≤22.98	18.81	≤29.35	PASS
	total	5510	---	---	8.45	≤22.98	15.45	≤29.35	PASS
			---	---	14.90	≤22.98	21.90	≤29.35	PASS
	Ant1	5550	85.37	0.69	6.07	≤22.98	13.07	≤29.35	PASS
			85.37	0.69	12.33	≤22.98	19.33	≤29.35	PASS
	Ant2	5550	85.37	0.69	5.48	≤22.98	12.48	≤29.35	PASS
			85.37	0.69	12.24	≤22.98	19.24	≤29.35	PASS
	total	5550	---	---	8.80	≤22.98	15.80	≤29.35	PASS
			---	---	15.30	≤22.98	22.30	≤29.35	PASS
	Ant1	5670	85.37	0.69	4.50	≤22.98	11.50	≤29.35	PASS
			85.37	0.69	10.93	≤22.98	17.93	≤29.35	PASS
	Ant2	5670	85.37	0.69	3.91	≤22.98	10.91	≤29.35	PASS
			85.37	0.69	10.41	≤22.98	17.41	≤29.35	PASS
	total	5670	---	---	7.23	≤22.98	14.23	≤29.35	PASS
			---	---	13.69	≤22.98	20.69	≤29.35	PASS
	Ant1	5710	85.37	0.69	4.34	≤22.98	11.34	≤29.35	PASS
			85.37	0.69	10.94	≤22.98	17.94	≤29.35	PASS
	Ant2	5710	85.37	0.69	4.88	≤22.98	11.88	≤29.35	PASS
			85.37	0.69	11.20	≤22.98	18.20	≤29.35	PASS
	total	5710	---	---	7.63	≤22.98	14.63	≤29.35	PASS
			---	---	14.08	≤22.98	21.08	≤29.35	PASS
	Ant1	5755	85.37	0.69	10.91	≤29.00	17.91	---	PASS
	Ant2	5755	85.37	0.69	10.63	≤29.00	17.63	---	PASS
	total	5755	---	---	13.78	≤29.00	20.78	---	PASS
	Ant1	5795	85.37	0.69	11.29	≤29.00	18.29	---	PASS
	Ant2	5795	85.37	0.69	10.96	≤29.00	17.96	---	PASS
	total	5795	---	---	14.14	≤29.00	21.14	---	PASS
11AC80 MIMO	Ant1	5210	75.00	1.25	11.26	≤29.00	18.26	≤22.35	PASS
	Ant2	5210	76.00	1.19	11.06	≤29.00	18.06	≤22.35	PASS

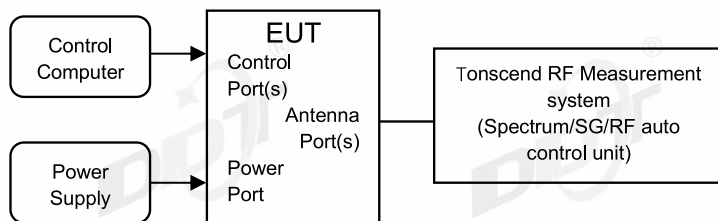
	total	5210	---	---	14.17	≤29.00	21.17	≤22.35	PASS
	Ant1	5290	75.00	1.25	5.09	≤22.98	12.09	≤29.35	PASS
			75.00	1.25	11.43	≤22.98	18.43	≤29.35	PASS
	Ant2	5290	75.00	1.25	4.16	≤22.98	11.16	≤29.35	PASS
			75.00	1.25	10.55	≤22.98	17.55	≤29.35	PASS
	total	5290	---	---	7.66	≤22.98	14.66	≤29.35	PASS
			---	---	14.02	≤22.98	21.02	≤29.35	PASS
	Ant1	5530	75.00	1.25	5.83	≤22.98	12.83	≤29.35	PASS
			75.00	1.25	12.11	≤22.98	19.11	≤29.35	PASS
	Ant2	5530	75.00	1.25	5.26	≤22.98	12.26	≤29.35	PASS
			75.00	1.25	12.01	≤22.98	19.01	≤29.35	PASS
	total	5530	---	---	8.56	≤22.98	15.56	≤29.35	PASS
			---	---	15.07	≤22.98	22.07	≤29.35	PASS
	Ant1	5610	76.00	1.19	3.66	≤22.98	10.66	≤29.35	PASS
			76.00	1.19	10.01	≤22.98	17.01	≤29.35	PASS
	Ant2	5610	76.00	1.19	3.83	≤22.98	10.83	≤29.35	PASS
			76.00	1.19	10.54	≤22.98	17.54	≤29.35	PASS
	total	5610	---	---	6.76	≤22.98	13.76	≤29.35	PASS
			---	---	13.29	≤22.98	20.29	≤29.35	PASS
	Ant1	5690	76.00	1.19	4.60	≤22.98	11.60	≤29.35	PASS
			76.00	1.19	11.19	≤22.98	18.19	≤29.35	PASS
	Ant2	5690	75.00	1.25	4.38	≤22.98	11.38	≤29.35	PASS
			75.00	1.25	10.85	≤22.98	17.85	≤29.35	PASS
	total	5690	---	---	7.50	≤22.98	14.50	≤29.35	PASS
			---	---	14.03	≤22.98	21.03	≤29.35	PASS
	Ant1	5775	76.00	1.19	11.35	≤29.00	18.35	---	PASS
	Ant2	5775	75.00	1.25	11.06	≤29.00	18.06	---	PASS
	total	5775	---	---	14.22	≤29.00	21.22	---	PASS
11AC16 0MIMO	Ant1	5250	64.71	1.89	4.46	≤22.98	11.46	≤29.35	PASS
			64.71	1.89	10.83	≤22.98	17.83	≤29.35	PASS
	Ant2	5250	64.71	1.89	3.51	≤22.98	10.51	≤29.35	PASS
			64.71	1.89	9.78	≤22.98	16.78	≤29.35	PASS
	total	5250	---	---	7.02	≤22.98	14.02	≤29.35	PASS
			---	---	13.35	≤22.98	20.35	≤29.35	PASS
	Ant1	5570	64.71	1.89	5.32	≤22.98	12.32	≤29.35	PASS
			64.71	1.89	11.58	≤22.98	18.58	≤29.35	PASS
	Ant2	5570	64.71	1.89	4.52	≤22.98	11.52	≤29.35	PASS
			64.71	1.89	11.04	≤22.98	18.04	≤29.35	PASS
	total	5570	---	---	7.95	≤22.98	14.95	≤29.35	PASS
			---	---	14.33	≤22.98	21.33	≤29.35	PASS
11AX20 MIMO	Ant1	5180	90.32	0.44	9.90	≤29.00	16.90	≤22.35	PASS
	Ant2	5180	90.32	0.44	9.85	≤29.00	16.85	≤22.35	PASS
	total	5180	---	---	12.89	≤29.00	19.89	≤22.35	PASS
	Ant1	5200	90.32	0.44	10.11	≤29.00	17.11	≤22.35	PASS
	Ant2	5200	90.32	0.44	10.00	≤29.00	17.00	≤22.35	PASS
	total	5200	---	---	13.07	≤29.00	20.07	≤22.35	PASS
	Ant1	5240	90.32	0.44	10.60	≤29.00	17.60	≤22.35	PASS
	Ant2	5240	90.32	0.44	10.41	≤29.00	17.41	≤22.35	PASS
	total	5240	---	---	13.52	≤29.00	20.52	≤22.35	PASS
	Ant1	5260	90.32	0.44	5.27	≤22.98	12.27	≤29.35	PASS
			90.32	0.44	11.70	≤22.98	18.70	≤29.35	PASS
	Ant2	5260	90.32	0.44	4.00	≤22.98	11.00	≤29.35	PASS
			90.32	0.44	10.93	≤22.98	17.93	≤29.35	PASS
	total	5260	---	---	7.69	≤22.98	14.69	≤29.35	PASS
			---	---	14.34	≤22.98	21.34	≤29.35	PASS
	Ant1	5280	90.32	0.44	5.32	≤22.98	12.32	≤29.35	PASS
			90.32	0.44	11.78	≤22.98	18.78	≤29.35	PASS
	Ant2	5280	90.32	0.44	4.09	≤22.98	11.09	≤29.35	PASS
			90.32	0.44	10.90	≤22.98	17.90	≤29.35	PASS
	total	5280	---	---	7.76	≤22.98	14.76	≤29.35	PASS
			---	---	14.37	≤22.98	21.37	≤29.35	PASS
	Ant1	5320	90.32	0.44	4.87	≤22.98	11.87	≤29.35	PASS
			90.32	0.44	11.39	≤22.98	18.39	≤29.35	PASS
	Ant2	5320	90.32	0.44	3.94	≤22.98	10.94	≤29.35	PASS
			90.32	0.44	10.58	≤22.98	17.58	≤29.35	PASS
	total	5320	---	---	7.44	≤22.98	14.44	≤29.35	PASS
			---	---	14.01	≤22.98	21.01	≤29.35	PASS

	Ant1	5500	90.32	0.44	5.47	≤22.98	12.47	≤29.35	PASS
			90.32	0.44	11.94	≤22.98	18.94	≤29.35	PASS
	Ant2	5500	90.32	0.44	4.77	≤22.98	11.77	≤29.35	PASS
			90.32	0.44	11.79	≤22.98	18.79	≤29.35	PASS
	total	5500	---	---	8.14	≤22.98	15.14	≤29.35	PASS
			---	---	14.88	≤22.98	21.88	≤29.35	PASS
	Ant1	5580	90.32	0.44	3.82	≤22.98	10.82	≤29.35	PASS
			90.32	0.44	10.25	≤22.98	17.25	≤29.35	PASS
	Ant2	5580	90.32	0.44	3.75	≤22.98	10.75	≤29.35	PASS
			90.32	0.44	10.83	≤22.98	17.83	≤29.35	PASS
	total	5580	---	---	6.80	≤22.98	13.80	≤29.35	PASS
			---	---	13.56	≤22.98	20.56	≤29.35	PASS
	Ant1	5700	90.32	0.44	3.97	≤22.98	10.97	≤29.35	PASS
			90.32	0.44	10.77	≤22.98	17.77	≤29.35	PASS
	Ant2	5700	90.32	0.44	4.10	≤22.98	11.10	≤29.35	PASS
			90.32	0.44	10.90	≤22.98	17.90	≤29.35	PASS
	total	5700	---	---	7.05	≤22.98	14.05	≤29.35	PASS
			---	---	13.85	≤22.98	20.85	≤29.35	PASS
	Ant1	5720	90.32	0.44	4.05	≤22.98	11.05	≤29.35	PASS
			90.32	0.44	11.19	≤22.98	18.19	≤29.35	PASS
	Ant2	5720	90.32	0.44	4.77	≤22.98	11.77	≤29.35	PASS
			90.32	0.44	11.35	≤22.98	18.35	≤29.35	PASS
	total	5720	---	---	7.44	≤22.98	14.44	≤29.35	PASS
			---	---	14.28	≤22.98	21.28	≤29.35	PASS
	Ant1	5745	90.32	0.44	10.80	≤29.00	17.80	---	PASS
	Ant2	5745	90.32	0.44	10.54	≤29.00	17.54	---	PASS
	total	5745	---	---	13.68	≤29.00	20.68	---	PASS
	Ant1	5785	90.32	0.44	11.54	≤29.00	18.54	---	PASS
	Ant2	5785	90.32	0.44	11.14	≤29.00	18.14	---	PASS
	total	5785	---	---	14.35	≤29.00	21.35	---	PASS
	Ant1	5825	90.32	0.44	11.61	≤29.00	18.61	---	PASS
	Ant2	5825	90.32	0.44	11.17	≤29.00	18.17	---	PASS
	total	5825	---	---	14.41	≤29.00	21.41	---	PASS
11AX40 MIMO	Ant1	5190	76.92	1.14	11.40	≤29.00	18.40	≤22.35	PASS
	Ant2	5190	76.92	1.14	11.32	≤29.00	18.32	≤22.35	PASS
	total	5190	---	---	14.37	≤29.00	21.37	≤22.35	PASS
	Ant1	5230	76.92	1.14	11.81	≤29.00	18.81	≤22.35	PASS
	Ant2	5230	76.92	1.14	11.66	≤29.00	18.66	≤22.35	PASS
	total	5230	---	---	14.75	≤29.00	21.75	≤22.35	PASS
	Ant1	5270	76.92	1.14	5.55	≤22.98	12.55	≤29.35	PASS
			76.92	1.14	11.91	≤22.98	18.91	≤29.35	PASS
	Ant2	5270	76.92	1.14	4.37	≤22.98	11.37	≤29.35	PASS
			76.92	1.14	11.08	≤22.98	18.08	≤29.35	PASS
	total	5270	---	---	8.01	≤22.98	15.01	≤29.35	PASS
			---	---	14.53	≤22.98	21.53	≤29.35	PASS
	Ant1	5310	76.92	1.14	5.38	≤22.98	12.38	≤29.35	PASS
			76.92	1.14	11.73	≤22.98	18.73	≤29.35	PASS
	Ant2	5310	76.92	1.14	4.34	≤22.98	11.34	≤29.35	PASS
			76.92	1.14	10.86	≤22.98	17.86	≤29.35	PASS
	total	5310	---	---	7.90	≤22.98	14.90	≤29.35	PASS
			---	---	14.33	≤22.98	21.33	≤29.35	PASS
	Ant1	5510	76.92	1.14	6.06	≤22.98	13.06	≤29.35	PASS
			76.92	1.14	12.28	≤22.98	19.28	≤29.35	PASS
	Ant2	5510	76.92	1.14	5.24	≤22.98	12.24	≤29.35	PASS
			76.92	1.14	12.11	≤22.98	19.11	≤29.35	PASS
	total	5510	---	---	8.68	≤22.98	15.68	≤29.35	PASS
			---	---	15.21	≤22.98	22.21	≤29.35	PASS
	Ant1	5550	76.92	1.14	6.46	≤22.98	13.46	≤29.35	PASS
			76.92	1.14	12.67	≤22.98	19.67	≤29.35	PASS
	Ant2	5550	76.92	1.14	5.66	≤22.98	12.66	≤29.35	PASS
			76.92	1.14	12.55	≤22.98	19.55	≤29.35	PASS
	total	5550	---	---	9.09	≤22.98	16.09	≤29.35	PASS
			---	---	15.62	≤22.98	22.62	≤29.35	PASS
	Ant1	5670	76.92	1.14	4.79	≤22.98	11.79	≤29.35	PASS
			76.92	1.14	11.29	≤22.98	18.29	≤29.35	PASS
	Ant2	5670	76.92	1.14	4.05	≤22.98	11.05	≤29.35	PASS
			76.92	1.14	10.74	≤22.98	17.74	≤29.35	PASS

	total	5670	---	---	7.45	≤22.98	14.45	≤29.35	PASS
			---	---	14.03	≤22.98	21.03	≤29.35	PASS
	Ant1	5710	76.92	1.14	4.70	≤22.98	11.70	≤29.35	PASS
			76.92	1.14	11.34	≤22.98	18.34	≤29.35	PASS
	Ant2	5710	76.92	1.14	5.04	≤22.98	12.04	≤29.35	PASS
			76.92	1.14	11.54	≤22.98	18.54	≤29.35	PASS
	total	5710	---	---	7.88	≤22.98	14.88	≤29.35	PASS
			---	---	14.45	≤22.98	21.45	≤29.35	PASS
	Ant1	5755	76.92	1.14	11.24	≤29.00	18.24	---	PASS
	Ant2	5755	76.92	1.14	10.96	≤29.00	17.96	---	PASS
	total	5755	---	---	14.11	≤29.00	21.11	---	PASS
	Ant1	5795	76.92	1.14	11.67	≤29.00	18.67	---	PASS
	Ant2	5795	76.92	1.14	11.28	≤29.00	18.28	---	PASS
	total	5795	---	---	14.49	≤29.00	21.49	---	PASS
11AX80 MIMO	Ant1	5210	76.00	1.19	11.55	≤29.00	18.55	≤22.35	PASS
	Ant2	5210	76.00	1.19	11.42	≤29.00	18.42	≤22.35	PASS
	total	5210	---	---	14.50	≤29.00	21.50	≤22.35	PASS
	Ant1	5290	76.00	1.19	5.39	≤22.98	12.39	≤29.35	PASS
			76.00	1.19	11.74	≤22.98	18.74	≤29.35	PASS
	Ant2	5290	76.00	1.19	4.27	≤22.98	11.27	≤29.35	PASS
			76.00	1.19	10.81	≤22.98	17.81	≤29.35	PASS
	total	5290	---	---	7.88	≤22.98	14.88	≤29.35	PASS
			---	---	14.31	≤22.98	21.31	≤29.35	PASS
	Ant1	5530	76.00	1.19	6.16	≤22.98	13.16	≤29.35	PASS
			76.00	1.19	12.39	≤22.98	19.39	≤29.35	PASS
	Ant2	5530	76.00	1.19	5.41	≤22.98	12.41	≤29.35	PASS
			76.00	1.19	12.29	≤22.98	19.29	≤29.35	PASS
	total	5530	---	---	8.81	≤22.98	15.81	≤29.35	PASS
			---	---	15.35	≤22.98	22.35	≤29.35	PASS
	Ant1	5610	76.00	1.19	4.08	≤22.98	11.08	≤29.35	PASS
			76.00	1.19	10.39	≤22.98	17.39	≤29.35	PASS
	Ant2	5610	76.00	1.19	4.07	≤22.98	11.07	≤29.35	PASS
			76.00	1.19	10.93	≤22.98	17.93	≤29.35	PASS
	total	5610	---	---	7.09	≤22.98	14.09	≤29.35	PASS
			---	---	13.68	≤22.98	20.68	≤29.35	PASS
	Ant1	5690	76.00	1.19	5.00	≤22.98	12.00	≤29.35	PASS
			76.00	1.19	11.57	≤22.98	18.57	≤29.35	PASS
	Ant2	5690	76.00	1.19	4.52	≤22.98	11.52	≤29.35	PASS
			76.00	1.19	11.14	≤22.98	18.14	≤29.35	PASS
	total	5690	---	---	7.78	≤22.98	14.78	≤29.35	PASS
			---	---	14.37	≤22.98	21.37	≤29.35	PASS
	Ant1	5775	76.00	1.19	11.77	≤29.00	18.77	---	PASS
	Ant2	5775	76.00	1.19	11.37	≤29.00	18.37	---	PASS
	total	5775	---	---	14.58	≤29.00	21.58	---	PASS
11AX16 0MIMO	Ant1	5250	76.00	1.19	4.76	≤22.98	11.76	≤29.35	PASS
			76.00	1.19	11.11	≤22.98	18.11	≤29.35	PASS
	Ant2	5250	76.00	1.19	3.66	≤22.98	10.66	≤29.35	PASS
			76.00	1.19	10.10	≤22.98	17.10	≤29.35	PASS
	total	5250	---	---	7.26	≤22.98	14.26	≤29.35	PASS
			---	---	13.64	≤22.98	20.64	≤29.35	PASS
	Ant1	5570	76.00	1.19	5.63	≤22.98	12.63	≤29.35	PASS
			76.00	1.19	11.81	≤22.98	18.81	≤29.35	PASS
	Ant2	5570	76.00	1.19	4.70	≤22.98	11.70	≤29.35	PASS
			76.00	1.19	11.32	≤22.98	18.32	≤29.35	PASS
	total	5570	---	---	8.20	≤22.98	15.20	≤29.35	PASS
			---	---	14.58	≤22.98	21.58	≤29.35	PASS

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	For RSS eirp: 10 dBm/MHz	
	11 dBm/MHz	5250-5350
	11 dBm/MHz	For FCC: 5470 - 5725 For ISDE: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850
Note: For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 7 dBi. For 802.11n, 802.11ac and 802.11ax, the EUT incorporates a MIMO function. The Antenna directional gain is 7.0 dBi. The Output Power limit is the above limits-(7.0-6) dB		

9.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyser and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS

RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

9.4. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 3#
Ambient Condition:	26.5℃,43.5%RH	Test Date:	2024.09.04-2024.09.06
Test Power Supply:	AC120V/60Hz	Sample Number:	S24072915-002

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.03	≤16.00	PASS
	Ant2	5180	0.78	≤16.00	PASS
	Ant1	5200	1.07	≤16.00	PASS
	Ant2	5200	0.88	≤16.00	PASS
	Ant1	5240	0.95	≤16.00	PASS
	Ant2	5240	0.82	≤16.00	PASS
	Ant1	5260	2.21	≤10.00	PASS
	Ant2	5260	1.54	≤10.00	PASS
	Ant1	5280	2.14	≤10.00	PASS
	Ant2	5280	1.43	≤10.00	PASS
	Ant1	5320	1.84	≤10.00	PASS
	Ant2	5320	1.19	≤10.00	PASS
	Ant1	5500	2.67	≤10.00	PASS
	Ant2	5500	2.70	≤10.00	PASS
	Ant1	5580	1.20	≤10.00	PASS
	Ant2	5580	1.38	≤10.00	PASS
	Ant1	5700	1.30	≤10.00	PASS
	Ant2	5700	1.73	≤10.00	PASS
	Ant1	5720 UNII-2C	1.65	≤10.00	PASS
	Ant2	5720 UNII-2C	1.92	≤10.00	PASS
	Ant1	5720 UNII-3	-2.51	≤29.00	PASS
	Ant2	5720 UNII-3	-2.36	≤29.00	PASS
	Ant1	5745	-1.41	≤29.00	PASS
	Ant2	5745	-1.66	≤29.00	PASS
	Ant1	5785	-1.08	≤29.00	PASS
	Ant2	5785	-1.09	≤29.00	PASS
	Ant1	5825	-1.22	≤29.00	PASS
	Ant2	5825	-1.07	≤29.00	PASS
11N20MIMO	Ant1	5180	-1.55	≤16.00	PASS
	Ant2	5180	-1.64	≤16.00	PASS
	total	5180	1.42	≤16.00	PASS
	Ant1	5200	-1.53	≤16.00	PASS
	Ant2	5200	-1.70	≤16.00	PASS
	total	5200	1.40	≤16.00	PASS
	Ant1	5240	-1.67	≤16.00	PASS
	Ant2	5240	-1.71	≤16.00	PASS
	total	5240	1.32	≤16.00	PASS
	Ant1	5260	-0.39	≤10.00	PASS
	Ant2	5260	-0.99	≤10.00	PASS
	total	5260	2.33	≤10.00	PASS
	Ant1	5280	-0.50	≤10.00	PASS
	Ant2	5280	-1.12	≤10.00	PASS
	total	5280	2.21	≤10.00	PASS
	Ant1	5320	-0.73	≤10.00	PASS
	Ant2	5320	-1.29	≤10.00	PASS
	total	5320	2.01	≤10.00	PASS
	Ant1	5500	0.11	≤10.00	PASS
	Ant2	5500	0.11	≤10.00	PASS
	total	5500	3.12	≤10.00	PASS
	Ant1	5580	-1.41	≤10.00	PASS
	Ant2	5580	-1.19	≤10.00	PASS
	total	5580	1.71	≤10.00	PASS
	Ant1	5700	-1.42	≤10.00	PASS
	Ant2	5700	-0.93	≤10.00	PASS
	total	5700	1.84	≤10.00	PASS
	Ant1	5720 UNII-2C	-0.96	≤10.00	PASS
	Ant2	5720 UNII-2C	-0.70	≤10.00	PASS
	total	5720 UNII-2C	2.18	≤10.00	PASS

	Ant1	5720 UNII-3	-5.10	≤29.00	PASS
	Ant2	5720 UNII-3	-5.05	≤29.00	PASS
	total	5720 UNII-3	-2.06	≤29.00	PASS
	Ant1	5745	-3.97	≤29.00	PASS
	Ant2	5745	-4.28	≤29.00	PASS
	total	5745	-1.11	≤29.00	PASS
	Ant1	5785	-3.68	≤29.00	PASS
	Ant2	5785	-3.69	≤29.00	PASS
	total	5785	-0.67	≤29.00	PASS
	Ant1	5825	-3.76	≤29.00	PASS
	Ant2	5825	-3.60	≤29.00	PASS
	total	5825	-0.67	≤29.00	PASS
11N40MIMO	Ant1	5190	-2.69	≤16.00	PASS
	Ant2	5190	-2.79	≤16.00	PASS
	total	5190	0.27	≤16.00	PASS
	Ant1	5230	-2.74	≤16.00	PASS
	Ant2	5230	-2.78	≤16.00	PASS
	total	5230	0.25	≤16.00	PASS
	Ant1	5270	-3.02	≤10.00	PASS
	Ant2	5270	-3.68	≤10.00	PASS
	total	5270	-0.33	≤10.00	PASS
	Ant1	5310	-2.85	≤10.00	PASS
	Ant2	5310	-3.56	≤10.00	PASS
	total	5310	-0.18	≤10.00	PASS
	Ant1	5510	-1.90	≤10.00	PASS
	Ant2	5510	-2.03	≤10.00	PASS
	total	5510	1.05	≤10.00	PASS
	Ant1	5550	-1.72	≤10.00	PASS
	Ant2	5550	-1.78	≤10.00	PASS
	total	5550	1.26	≤10.00	PASS
	Ant1	5670	-3.57	≤10.00	PASS
	Ant2	5670	-3.60	≤10.00	PASS
	total	5670	-0.57	≤10.00	PASS
	Ant1	5710 UNII-2C	-3.38	≤10.00	PASS
	Ant2	5710 UNII-2C	-2.72	≤10.00	PASS
	total	5710 UNII-2C	-0.03	≤10.00	PASS
	Ant1	5710 UNII-3	-8.70	≤29.00	PASS
	Ant2	5710 UNII-3	-8.78	≤29.00	PASS
	total	5710 UNII-3	-5.73	≤29.00	PASS
	Ant1	5755	-5.95	≤29.00	PASS
	Ant2	5755	-6.20	≤29.00	PASS
	total	5755	-3.06	≤29.00	PASS
	Ant1	5795	-6.08	≤29.00	PASS
	Ant2	5795	-5.95	≤29.00	PASS
	total	5795	-3.00	≤29.00	PASS
11AC20MIMO	Ant1	5180	-1.70	≤16.00	PASS
	Ant2	5180	-1.63	≤16.00	PASS
	total	5180	1.35	≤16.00	PASS
	Ant1	5200	-1.59	≤16.00	PASS
	Ant2	5200	-1.66	≤16.00	PASS
	total	5200	1.39	≤16.00	PASS
	Ant1	5240	-1.68	≤16.00	PASS
	Ant2	5240	-1.67	≤16.00	PASS
	total	5240	1.34	≤16.00	PASS
	Ant1	5260	-0.32	≤10.00	PASS
	Ant2	5260	-1.02	≤10.00	PASS
	total	5260	2.35	≤10.00	PASS
	Ant1	5280	-0.43	≤10.00	PASS
	Ant2	5280	-1.16	≤10.00	PASS
	total	5280	2.23	≤10.00	PASS
	Ant1	5320	-0.62	≤10.00	PASS
	Ant2	5320	-1.32	≤10.00	PASS
	total	5320	2.05	≤10.00	PASS
	Ant1	5500	0.20	≤10.00	PASS
	Ant2	5500	0.04	≤10.00	PASS
	total	5500	3.13	≤10.00	PASS
	Ant1	5580	-1.52	≤10.00	PASS

	Ant2	5580	-0.98	≤10.00	PASS
	total	5580	1.77	≤10.00	PASS
	Ant1	5700	-1.09	≤10.00	PASS
	Ant2	5700	-0.90	≤10.00	PASS
	total	5700	2.02	≤10.00	PASS
	Ant1	5720 UNII-2C	-0.89	≤10.00	PASS
	Ant2	5720 UNII-2C	-0.59	≤10.00	PASS
	total	5720 UNII-2C	2.27	≤10.00	PASS
	Ant1	5720 UNII-3	-4.93	≤29.00	PASS
	Ant2	5720 UNII-3	-4.92	≤29.00	PASS
	total	5720 UNII-3	-1.91	≤29.00	PASS
	Ant1	5745	-3.92	≤29.00	PASS
	Ant2	5745	-4.16	≤29.00	PASS
	total	5745	-1.03	≤29.00	PASS
	Ant1	5785	-3.53	≤29.00	PASS
	Ant2	5785	-3.62	≤29.00	PASS
	total	5785	-0.56	≤29.00	PASS
	Ant1	5825	-3.49	≤29.00	PASS
	Ant2	5825	-3.72	≤29.00	PASS
	total	5825	-0.59	≤29.00	PASS
11AC40MIMO	Ant1	5190	-2.74	≤16.00	PASS
	Ant2	5190	-2.77	≤16.00	PASS
	total	5190	0.26	≤16.00	PASS
	Ant1	5230	-2.82	≤16.00	PASS
	Ant2	5230	-2.87	≤16.00	PASS
	total	5230	0.17	≤16.00	PASS
	Ant1	5270	-3.00	≤10.00	PASS
	Ant2	5270	-3.68	≤10.00	PASS
	total	5270	-0.32	≤10.00	PASS
	Ant1	5310	-2.66	≤10.00	PASS
	Ant2	5310	-3.48	≤10.00	PASS
	total	5310	-0.04	≤10.00	PASS
	Ant1	5510	-1.98	≤10.00	PASS
	Ant2	5510	-2.12	≤10.00	PASS
	total	5510	0.96	≤10.00	PASS
	Ant1	5550	-1.72	≤10.00	PASS
	Ant2	5550	-1.75	≤10.00	PASS
	total	5550	1.28	≤10.00	PASS
	Ant1	5670	-3.33	≤10.00	PASS
	Ant2	5670	-3.75	≤10.00	PASS
	total	5670	-0.52	≤10.00	PASS
	Ant1	5710 UNII-2C	-3.30	≤10.00	PASS
	Ant2	5710 UNII-2C	-2.90	≤10.00	PASS
	total	5710 UNII-2C	-0.09	≤10.00	PASS
	Ant1	5710 UNII-3	-8.95	≤29.00	PASS
	Ant2	5710 UNII-3	-8.82	≤29.00	PASS
	total	5710 UNII-3	-5.87	≤29.00	PASS
	Ant1	5755	-5.88	≤29.00	PASS
	Ant2	5755	-6.18	≤29.00	PASS
	total	5755	-3.02	≤29.00	PASS
	Ant1	5795	-5.89	≤29.00	PASS
	Ant2	5795	-5.79	≤29.00	PASS
	total	5795	-2.83	≤29.00	PASS
11AC80MIMO	Ant1	5210	-5.45	≤16.00	PASS
	Ant2	5210	-5.68	≤16.00	PASS
	total	5210	-2.55	≤16.00	PASS
	Ant1	5290	-5.68	≤10.00	PASS
	Ant2	5290	-6.27	≤10.00	PASS
	total	5290	-2.95	≤10.00	PASS
	Ant1	5530	-4.50	≤10.00	PASS
	Ant2	5530	-4.78	≤10.00	PASS
	total	5530	-1.63	≤10.00	PASS
	Ant1	5610	-7.11	≤10.00	PASS
	Ant2	5610	-6.62	≤10.00	PASS
	total	5610	-3.85	≤10.00	PASS
	Ant1	5690 UNII-2C	-6.12	≤10.00	PASS
	Ant2	5690 UNII-2C	-6.47	≤10.00	PASS

	total	5690 UNII-2C	-3.28	≤10.00	PASS
	Ant1	5690 UNII-3	-12.13	≤29.00	PASS
	Ant2	5690 UNII-3	-12.06	≤29.00	PASS
	total	5690 UNII-3	-9.08	≤29.00	PASS
	Ant1	5775	-8.60	≤29.00	PASS
	Ant2	5775	-8.59	≤29.00	PASS
	total	5775	-5.58	≤29.00	PASS
11AC160MIMO	Ant1	5250 UNII-1	-8.76	≤16.00	PASS
	Ant2	5250 UNII-1	-9.57	≤16.00	PASS
	total	5250 UNII-1	-6.14	≤16.00	PASS
	Ant1	5250 UNII-2A	-8.87	≤10.00	PASS
	Ant2	5250 UNII-2A	-9.95	≤10.00	PASS
	total	5250 UNII-2A	-6.37	≤10.00	PASS
	Ant1	5570	-7.42	≤10.00	PASS
	Ant2	5570	-8.09	≤10.00	PASS
	total	5570	-4.73	≤10.00	PASS
11AX20MIMO	Ant1	5180	-1.87	≤16.00	PASS
	Ant2	5180	-1.73	≤16.00	PASS
	total	5180	1.21	≤16.00	PASS
	Ant1	5200	-1.73	≤16.00	PASS
	Ant2	5200	-1.74	≤16.00	PASS
	total	5200	1.28	≤16.00	PASS
	Ant1	5240	-1.50	≤16.00	PASS
	Ant2	5240	-1.56	≤16.00	PASS
	total	5240	1.48	≤16.00	PASS
	Ant1	5260	-0.40	≤10.00	PASS
	Ant2	5260	-1.11	≤10.00	PASS
	total	5260	2.27	≤10.00	PASS
	Ant1	5280	-0.50	≤10.00	PASS
	Ant2	5280	-1.25	≤10.00	PASS
	total	5280	2.15	≤10.00	PASS
	Ant1	5320	-0.75	≤10.00	PASS
	Ant2	5320	-1.47	≤10.00	PASS
	total	5320	1.92	≤10.00	PASS
	Ant1	5500	0.13	≤10.00	PASS
	Ant2	5500	-0.10	≤10.00	PASS
	total	5500	3.03	≤10.00	PASS
	Ant1	5580	-1.57	≤10.00	PASS
	Ant2	5580	-0.99	≤10.00	PASS
	total	5580	1.74	≤10.00	PASS
	Ant1	5700	-1.31	≤10.00	PASS
	Ant2	5700	-1.06	≤10.00	PASS
	total	5700	1.83	≤10.00	PASS
	Ant1	5720 UNII-2C	-1.07	≤10.00	PASS
	Ant2	5720 UNII-2C	-0.80	≤10.00	PASS
	total	5720 UNII-2C	2.08	≤10.00	PASS
	Ant1	5720 UNII-3	-4.82	≤29.00	PASS
	Ant2	5720 UNII-3	-4.50	≤29.00	PASS
	total	5720 UNII-3	-1.65	≤29.00	PASS
	Ant1	5745	-4.15	≤29.00	PASS
	Ant2	5745	-4.42	≤29.00	PASS
	total	5745	-1.27	≤29.00	PASS
	Ant1	5785	-3.71	≤29.00	PASS
	Ant2	5785	-3.89	≤29.00	PASS
	total	5785	-0.79	≤29.00	PASS
	Ant1	5825	-3.63	≤29.00	PASS
	Ant2	5825	-3.95	≤29.00	PASS
	total	5825	-0.78	≤29.00	PASS
11AX40MIMO	Ant1	5190	-2.69	≤16.00	PASS
	Ant2	5190	-2.51	≤16.00	PASS
	total	5190	0.41	≤16.00	PASS
	Ant1	5230	-2.64	≤16.00	PASS
	Ant2	5230	-2.77	≤16.00	PASS
	total	5230	0.31	≤16.00	PASS
	Ant1	5270	-2.74	≤10.00	PASS
	Ant2	5270	-3.52	≤10.00	PASS
	total	5270	-0.10	≤10.00	PASS

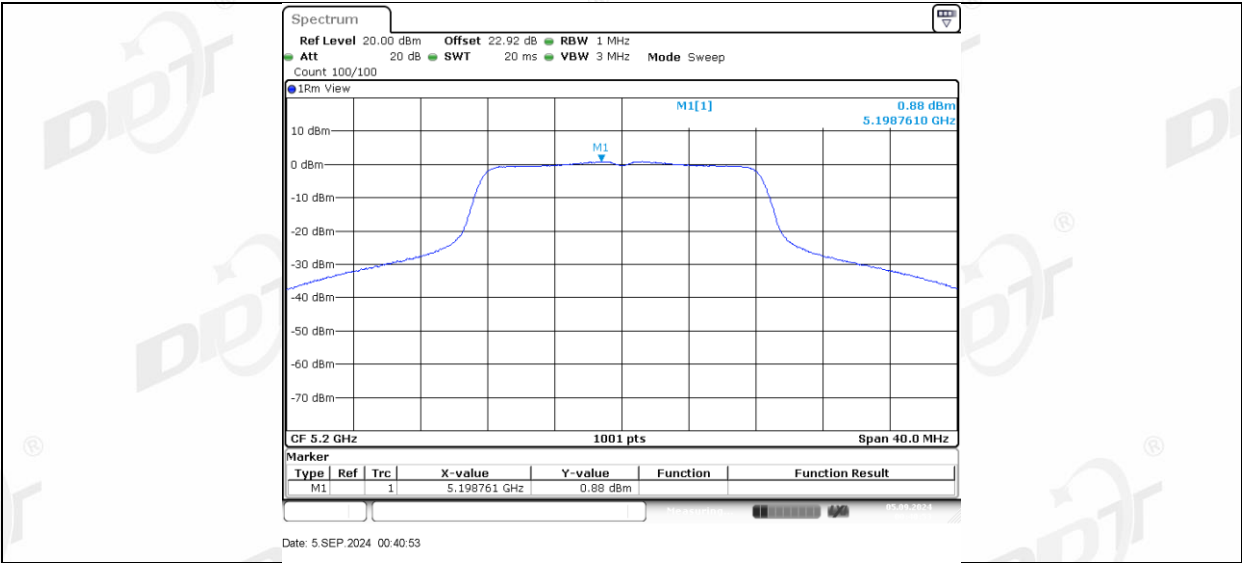
	Ant1	5310	-2.62	≤10.00	PASS
	Ant2	5310	-3.32	≤10.00	PASS
	total	5310	0.05	≤10.00	PASS
	Ant1	5510	-1.72	≤10.00	PASS
	Ant2	5510	-1.87	≤10.00	PASS
	total	5510	1.22	≤10.00	PASS
	Ant1	5550	-1.35	≤10.00	PASS
	Ant2	5550	-1.57	≤10.00	PASS
	total	5550	1.55	≤10.00	PASS
	Ant1	5670	-3.08	≤10.00	PASS
	Ant2	5670	-3.68	≤10.00	PASS
	total	5670	-0.36	≤10.00	PASS
	Ant1	5710 UNII-2C	-2.98	≤10.00	PASS
	Ant2	5710 UNII-2C	-2.55	≤10.00	PASS
	total	5710 UNII-2C	0.25	≤10.00	PASS
	Ant1	5710 UNII-3	-8.28	≤29.00	PASS
	Ant2	5710 UNII-3	-8.54	≤29.00	PASS
	total	5710 UNII-3	-5.40	≤29.00	PASS
	Ant1	5755	-5.73	≤29.00	PASS
	Ant2	5755	-6.18	≤29.00	PASS
	total	5755	-2.94	≤29.00	PASS
	Ant1	5795	-5.73	≤29.00	PASS
	Ant2	5795	-5.84	≤29.00	PASS
	total	5795	-2.77	≤29.00	PASS
11AX80MIMO	Ant1	5210	-5.52	≤16.00	PASS
	Ant2	5210	-5.59	≤16.00	PASS
	total	5210	-2.54	≤16.00	PASS
	Ant1	5290	-5.68	≤10.00	PASS
	Ant2	5290	-6.35	≤10.00	PASS
	total	5290	-2.99	≤10.00	PASS
	Ant1	5530	-4.39	≤10.00	PASS
	Ant2	5530	-4.51	≤10.00	PASS
	total	5530	-1.44	≤10.00	PASS
	Ant1	5610	-7.04	≤10.00	PASS
	Ant2	5610	-6.38	≤10.00	PASS
	total	5610	-3.69	≤10.00	PASS
	Ant1	5690 UNII-2C	-6.05	≤10.00	PASS
	Ant2	5690 UNII-2C	-6.17	≤10.00	PASS
	total	5690 UNII-2C	-3.10	≤10.00	PASS
	Ant1	5690 UNII-3	-12.08	≤29.00	PASS
	Ant2	5690 UNII-3	-11.65	≤29.00	PASS
	total	5690 UNII-3	-8.85	≤29.00	PASS
	Ant1	5775	-8.52	≤29.00	PASS
	Ant2	5775	-8.88	≤29.00	PASS
	total	5775	-5.69	≤29.00	PASS
11AX160MIMO	Ant1	5250 UNII-1	-8.74	≤16.00	PASS
	Ant2	5250 UNII-1	-9.72	≤16.00	PASS
	total	5250 UNII-1	-6.19	≤16.00	PASS
	Ant1	5250 UNII-2A	-8.86	≤10.00	PASS
	Ant2	5250 UNII-2A	-9.63	≤10.00	PASS
	total	5250 UNII-2A	-6.22	≤10.00	PASS
	Ant1	5570	-7.50	≤10.00	PASS
	Ant2	5570	-8.22	≤10.00	PASS
	total	5570	-4.83	≤10.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

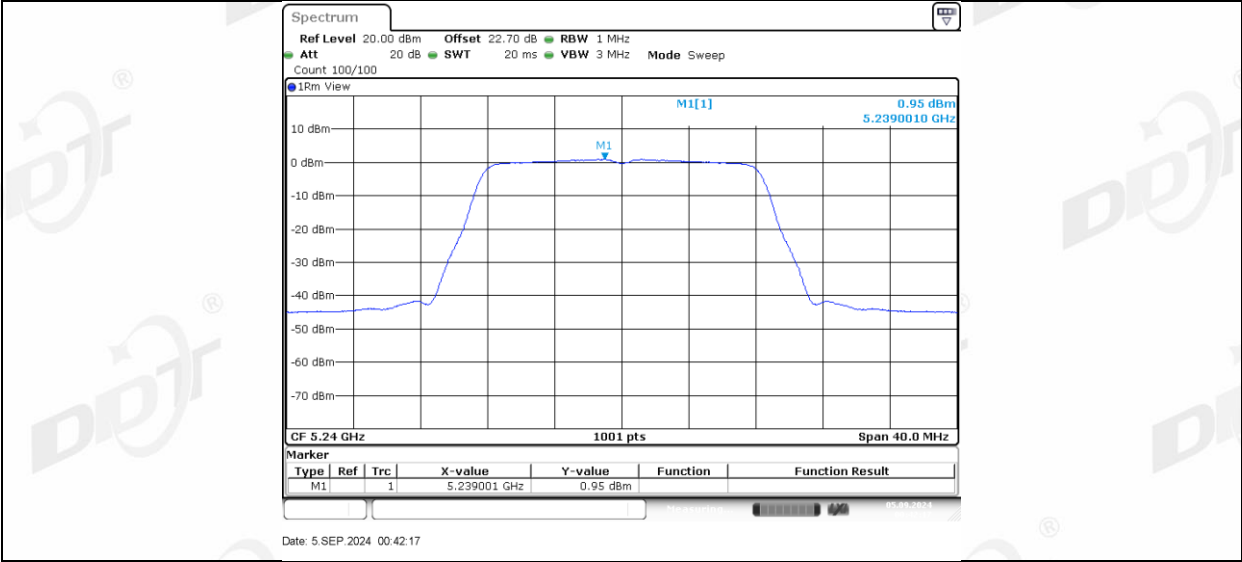
2.The Duty Cycle Factor is compensated in the graph.

9.5. Test graphs

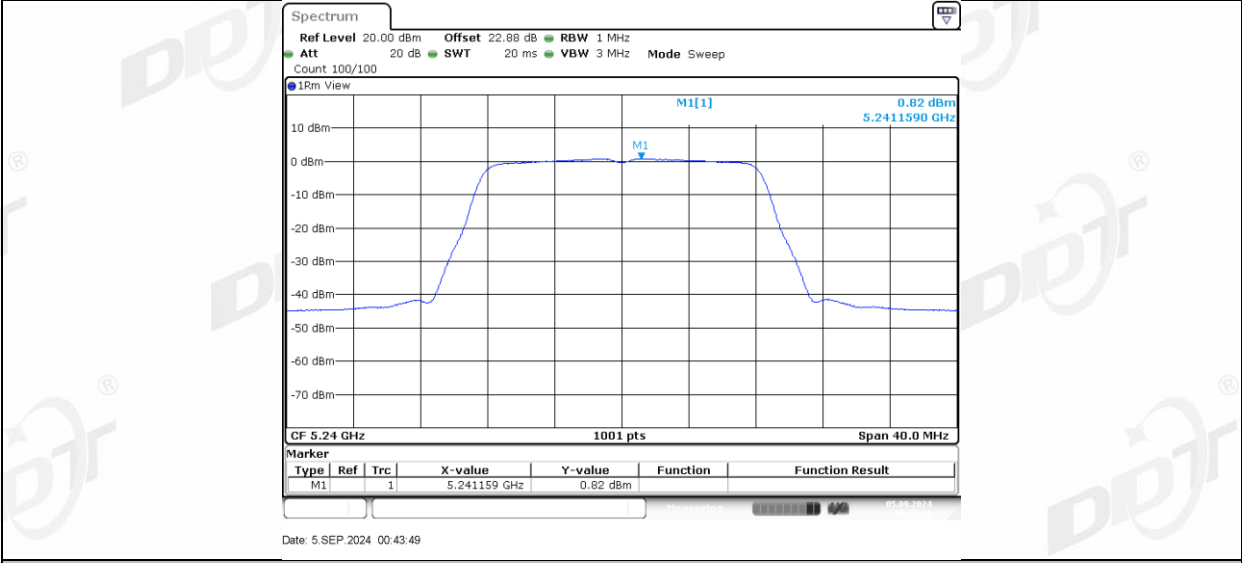




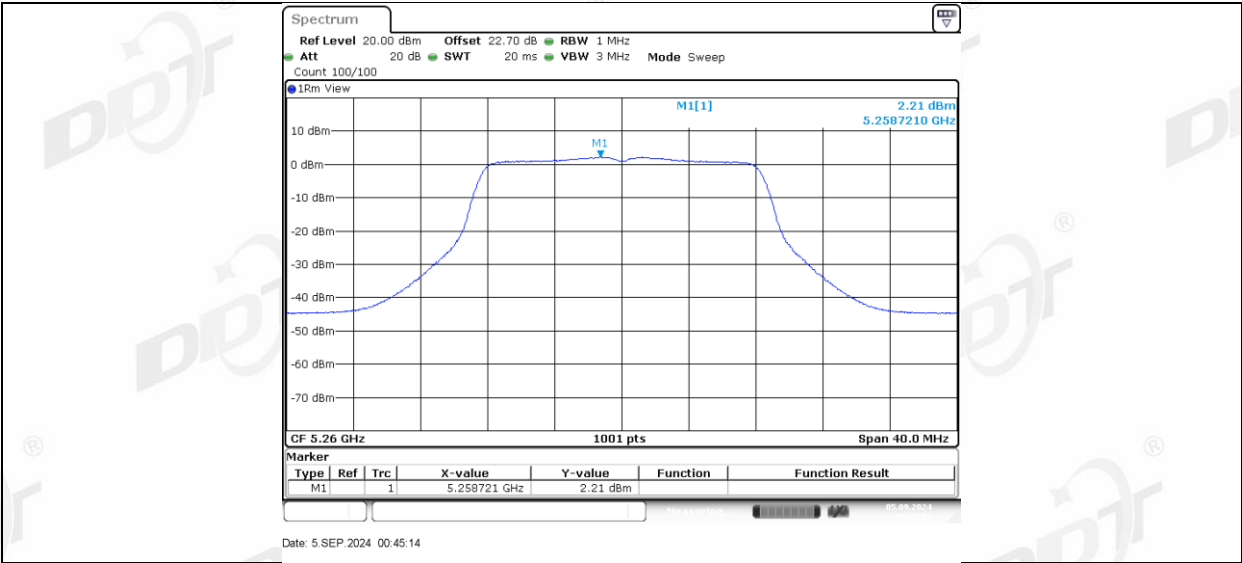
11A_Ant1_5240



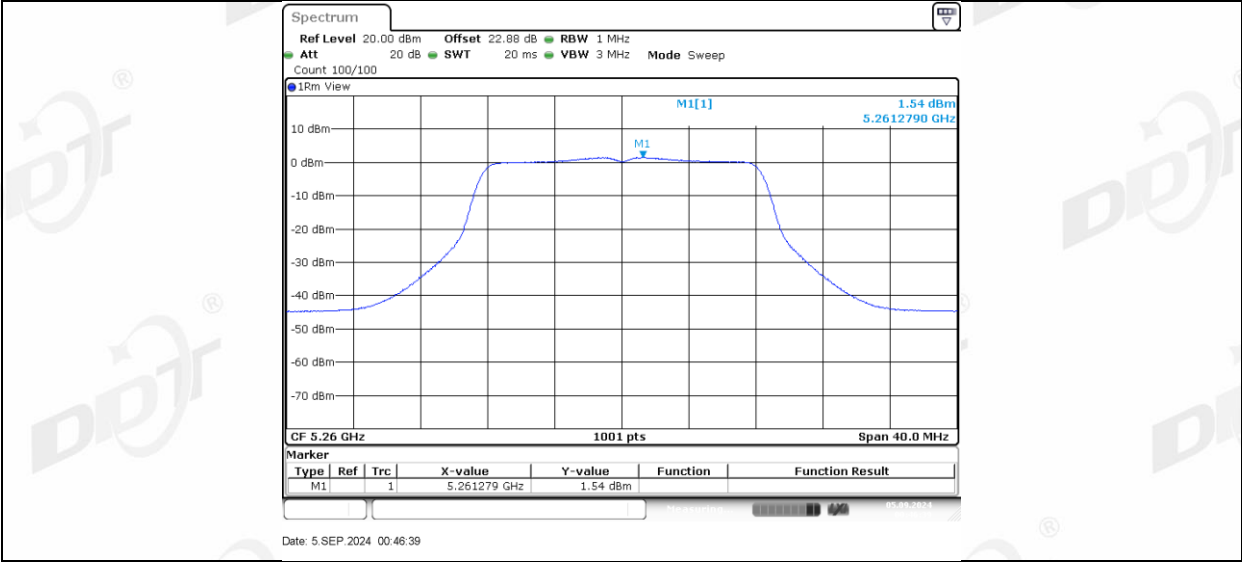
11A_Ant2_5240



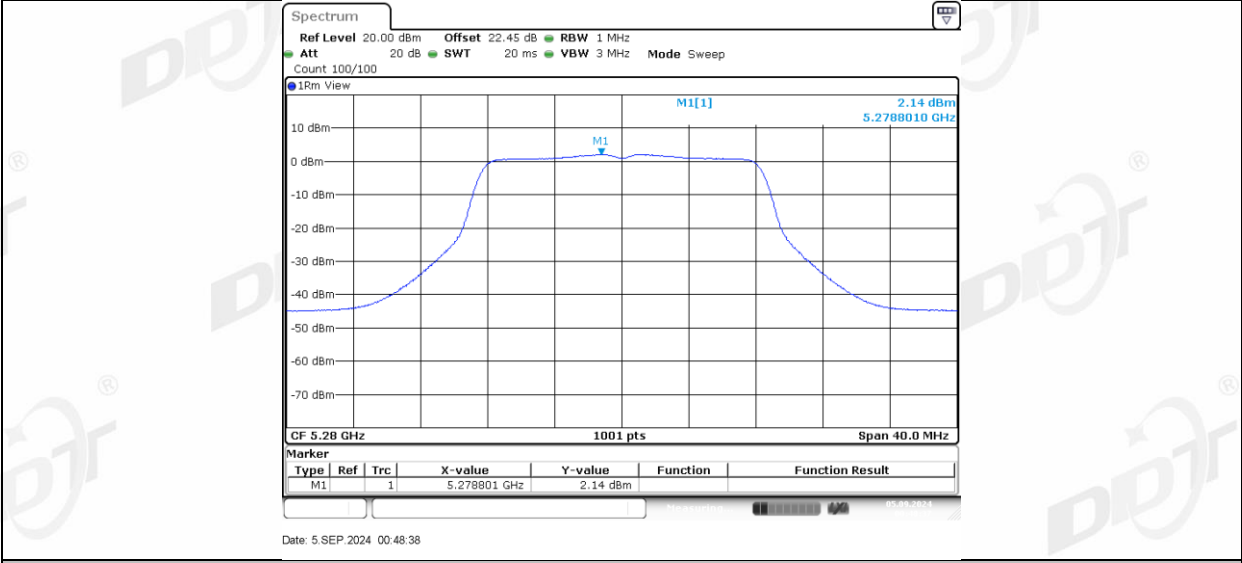
11A_Ant1_5260



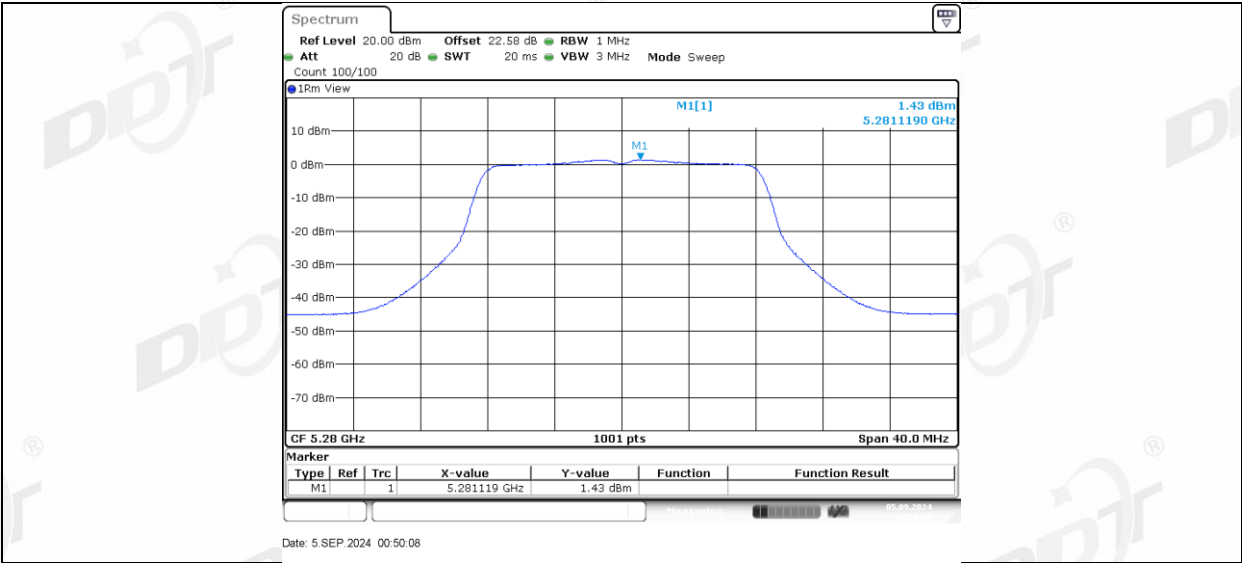
11A_Ant2_5260



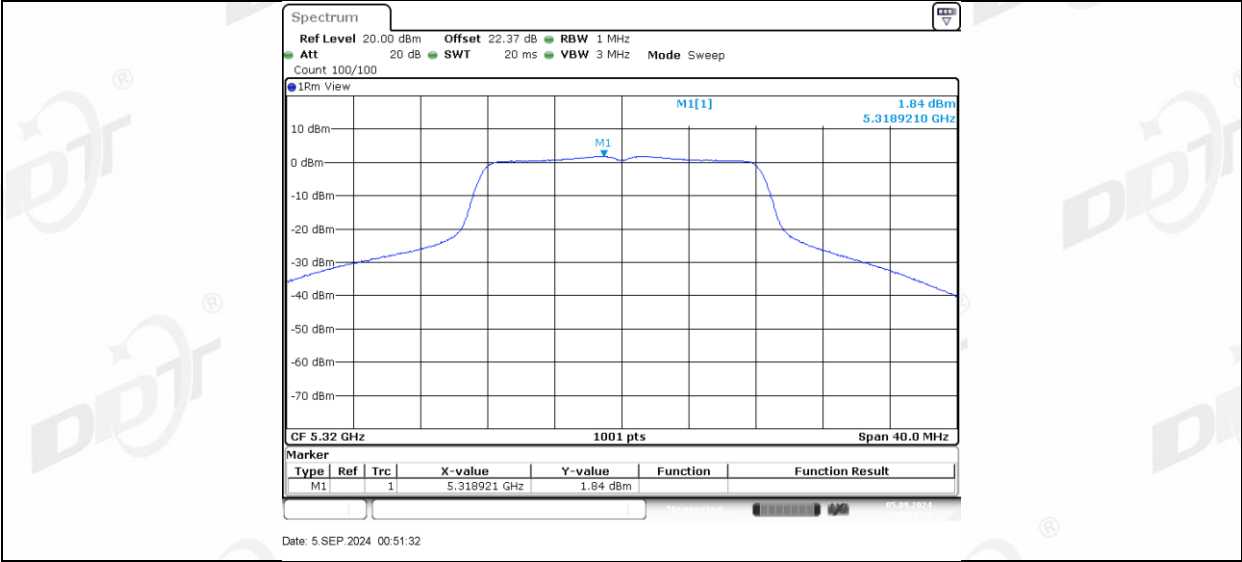
11A_Ant1_5280



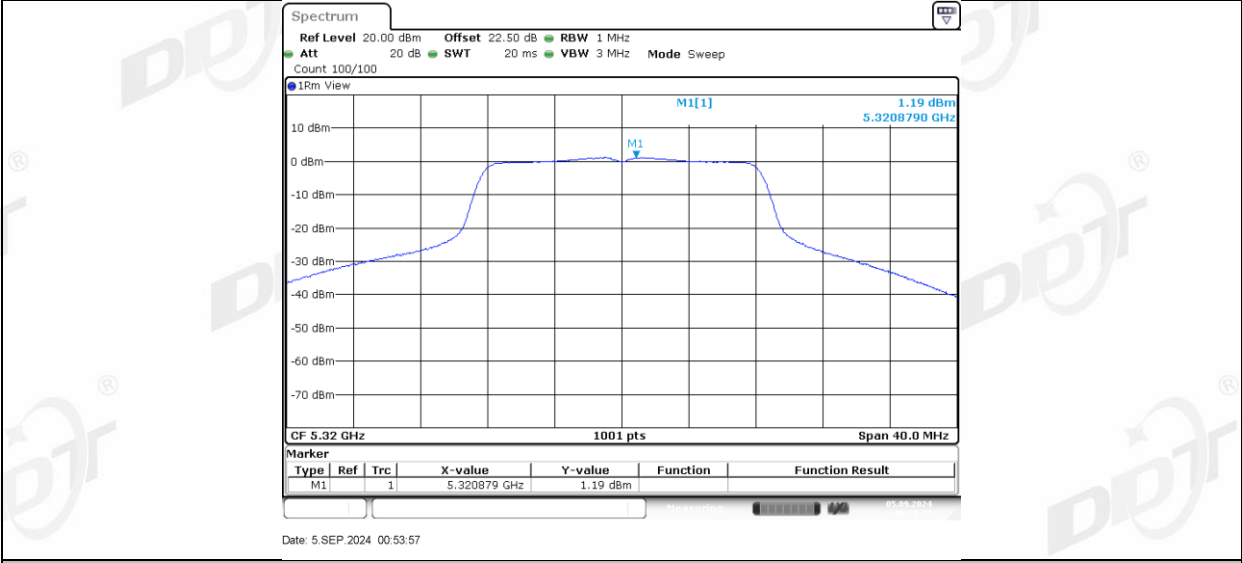
11A_Ant2_5280



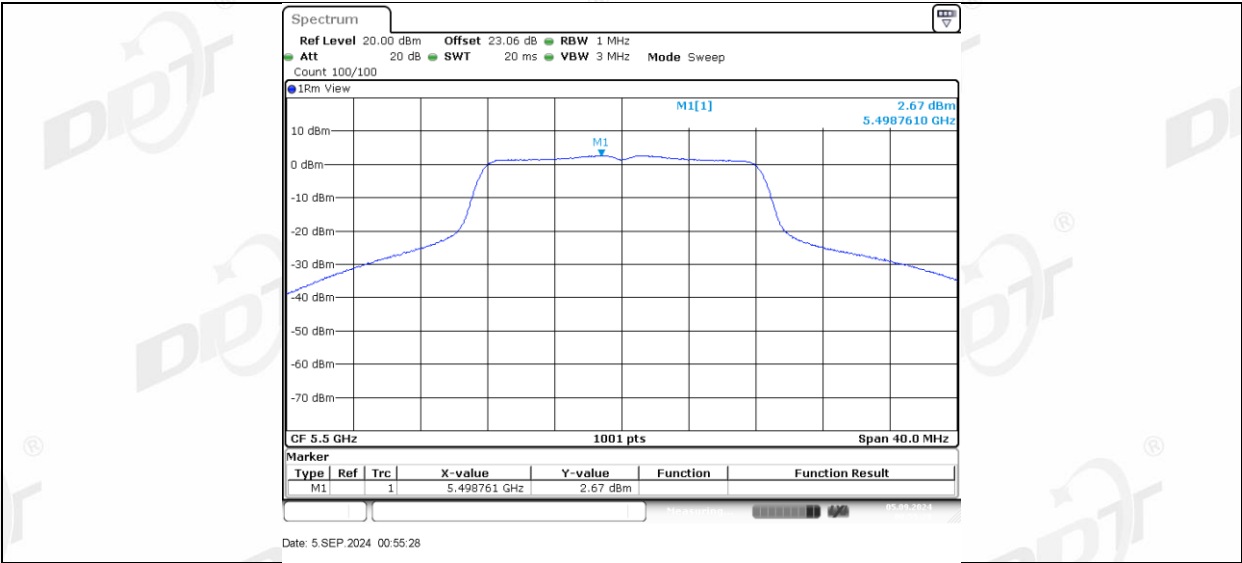
11A_Ant1_5320



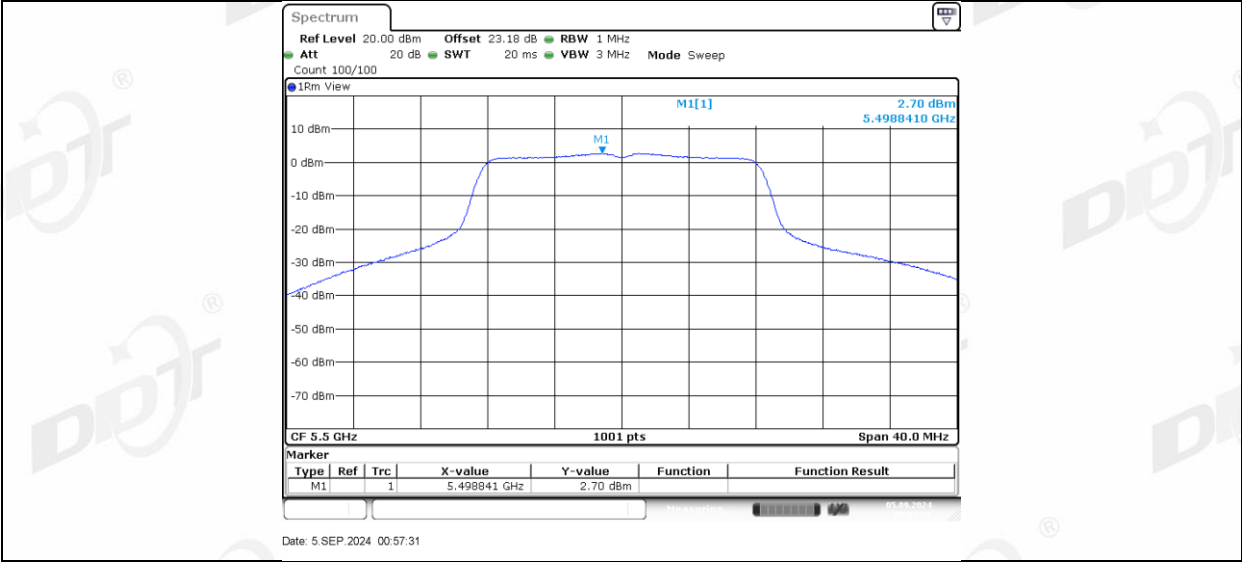
11A_Ant2_5320



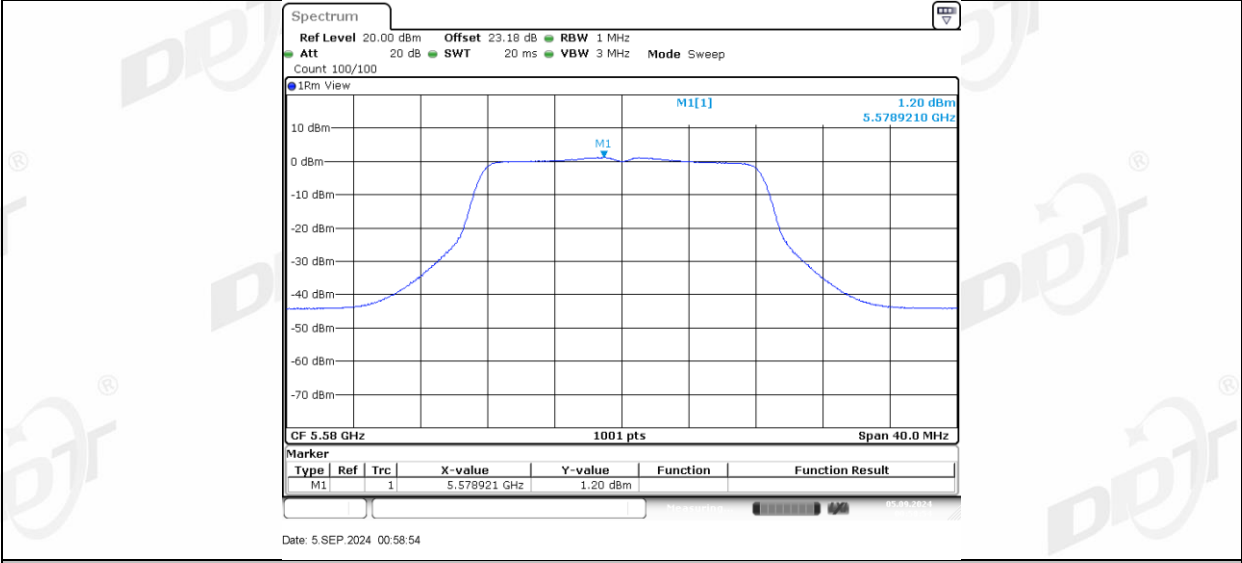
11A_Ant1_5500



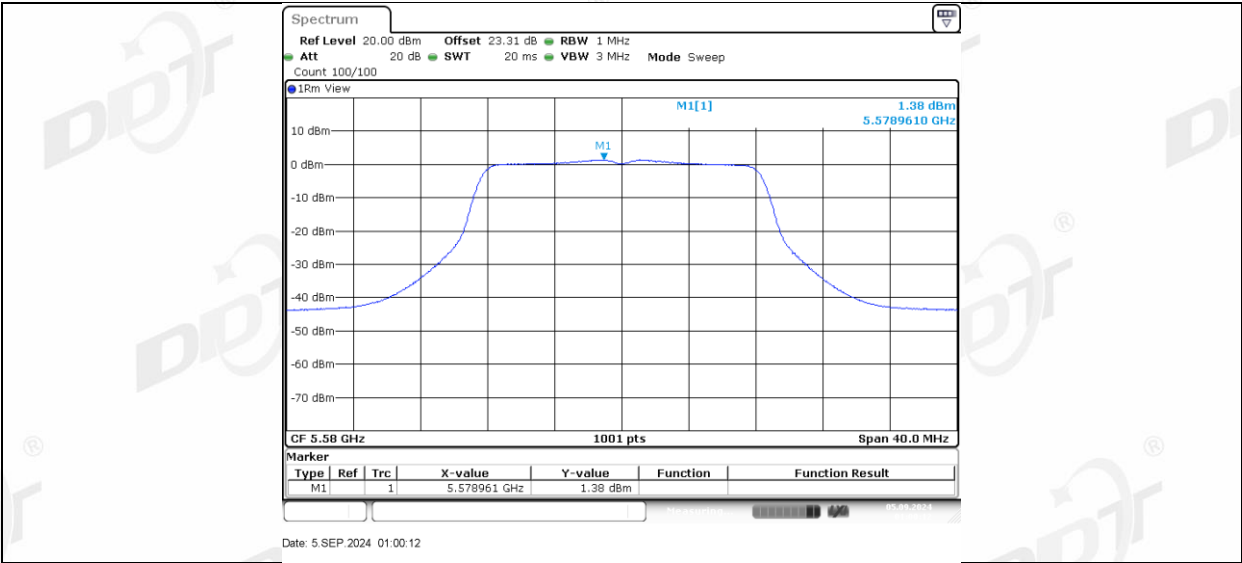
11A_Ant2_5500



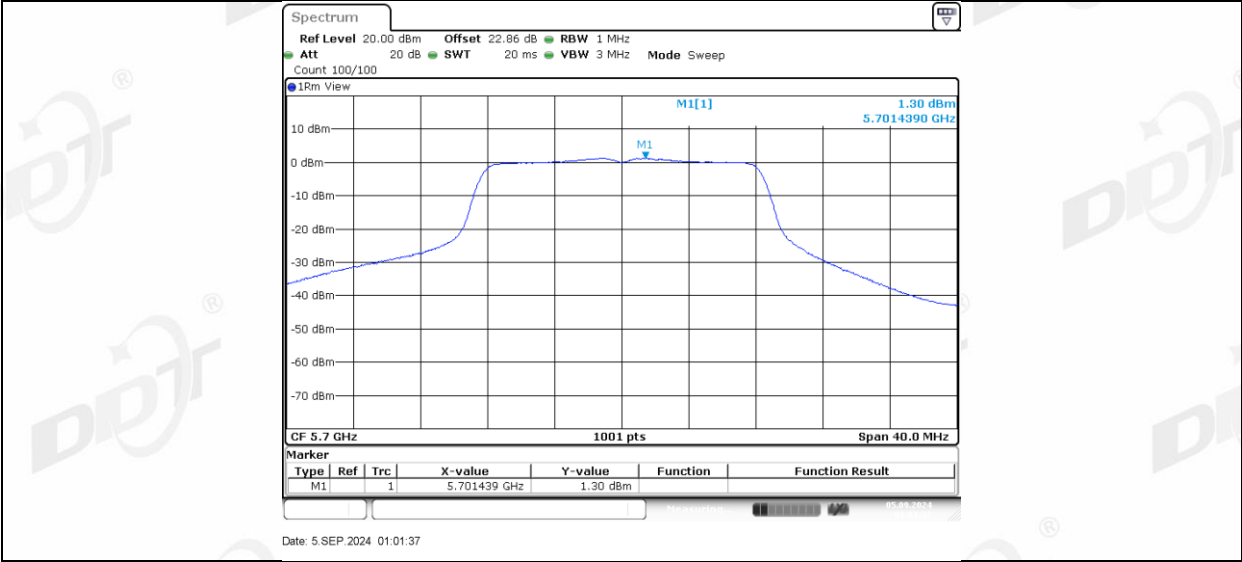
11A_Ant1_5580



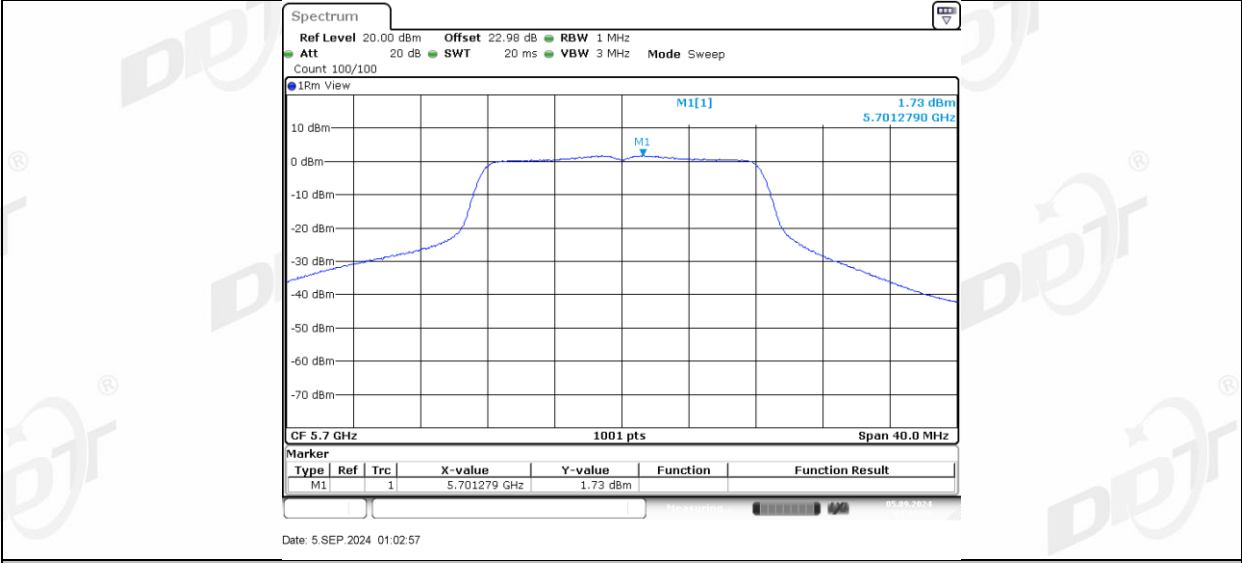
11A_Ant2_5580



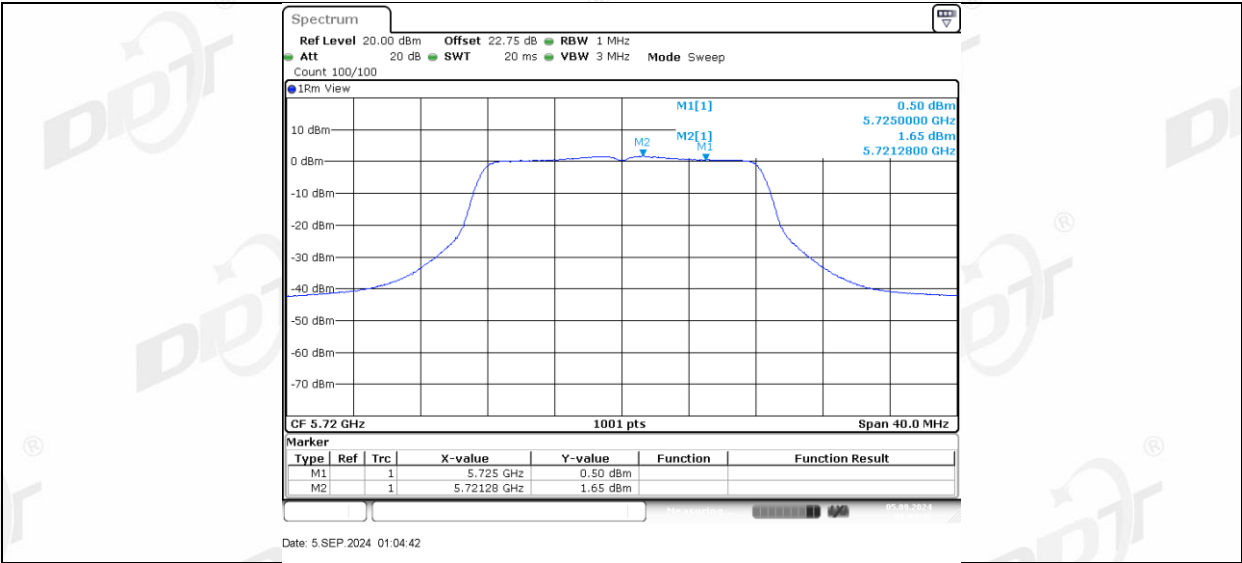
11A_Ant1_5700



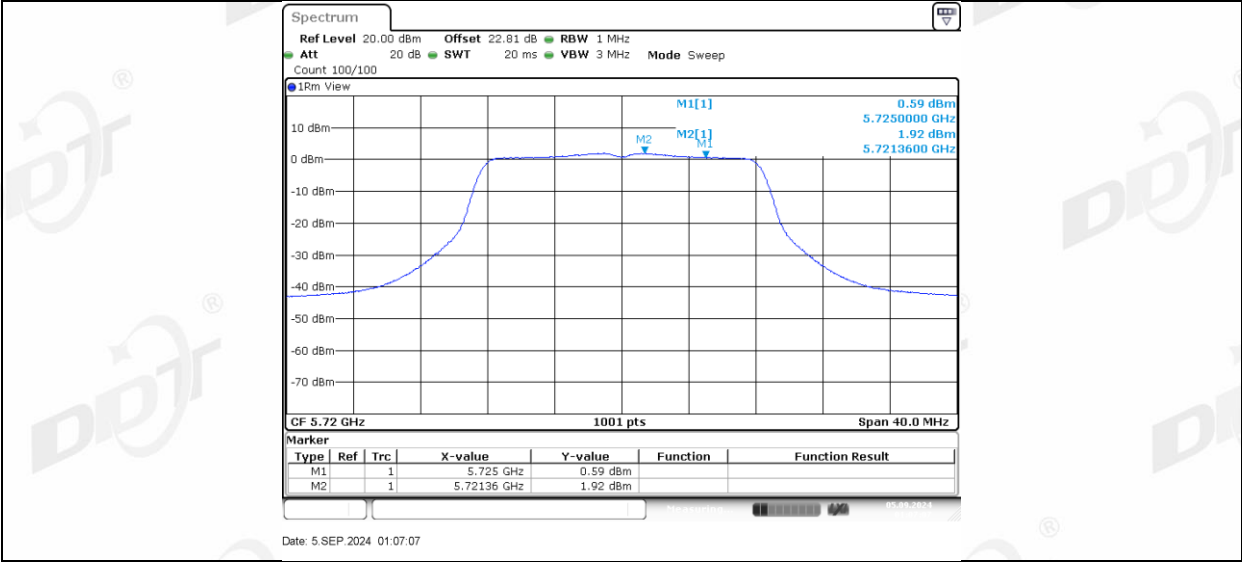
11A_Ant2_5700



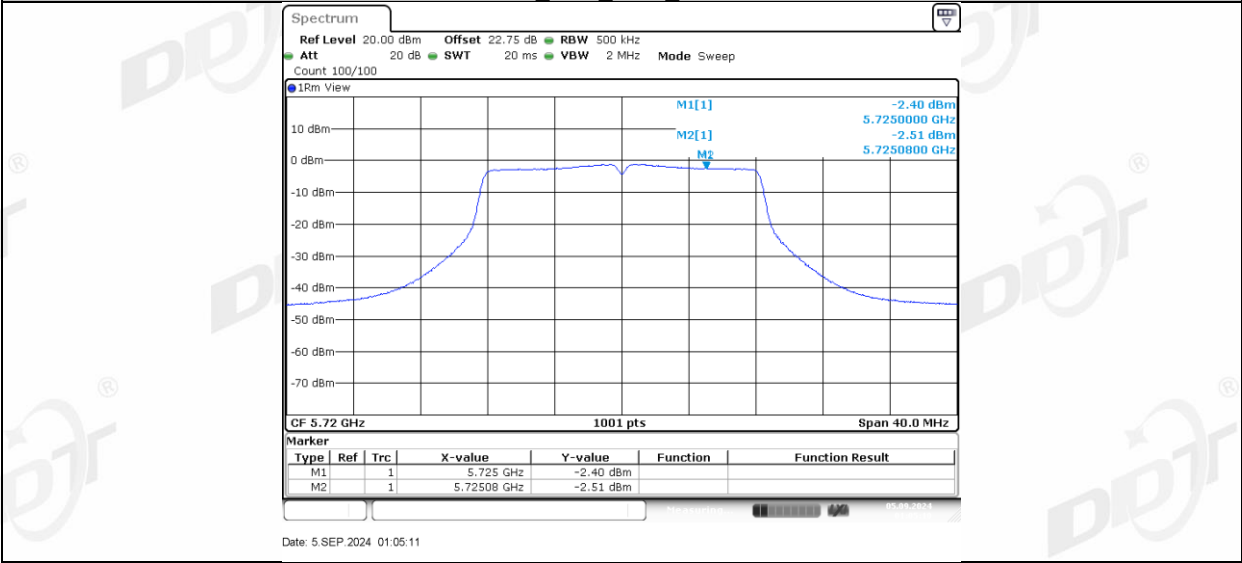
11A_Ant1_5720_UNII-2C



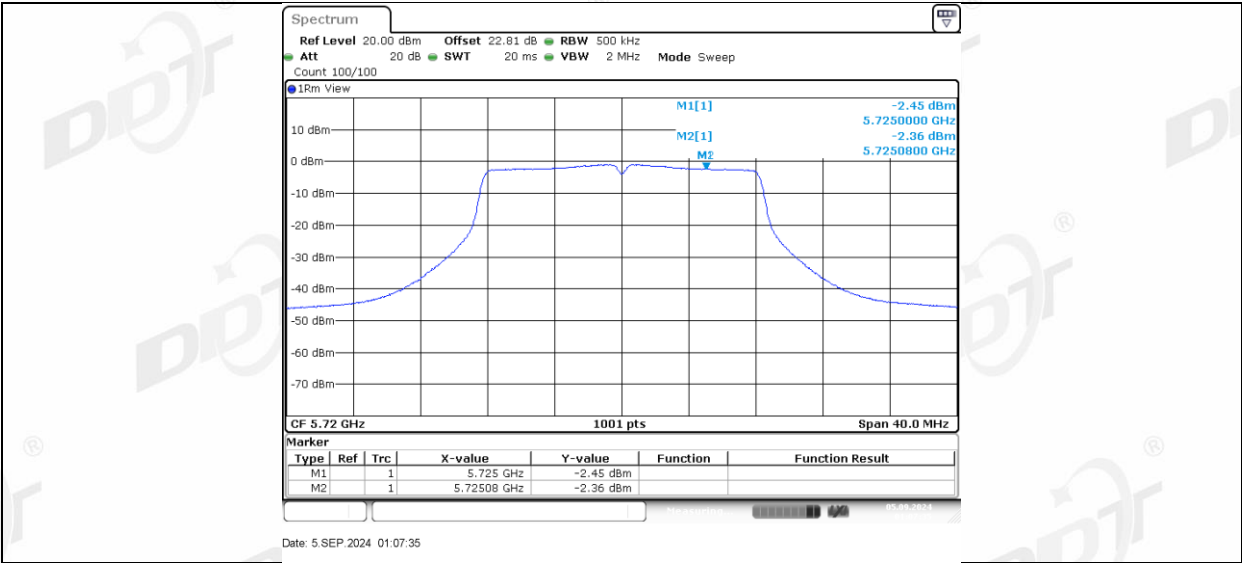
11A_Ant2_5720_UNII-2C



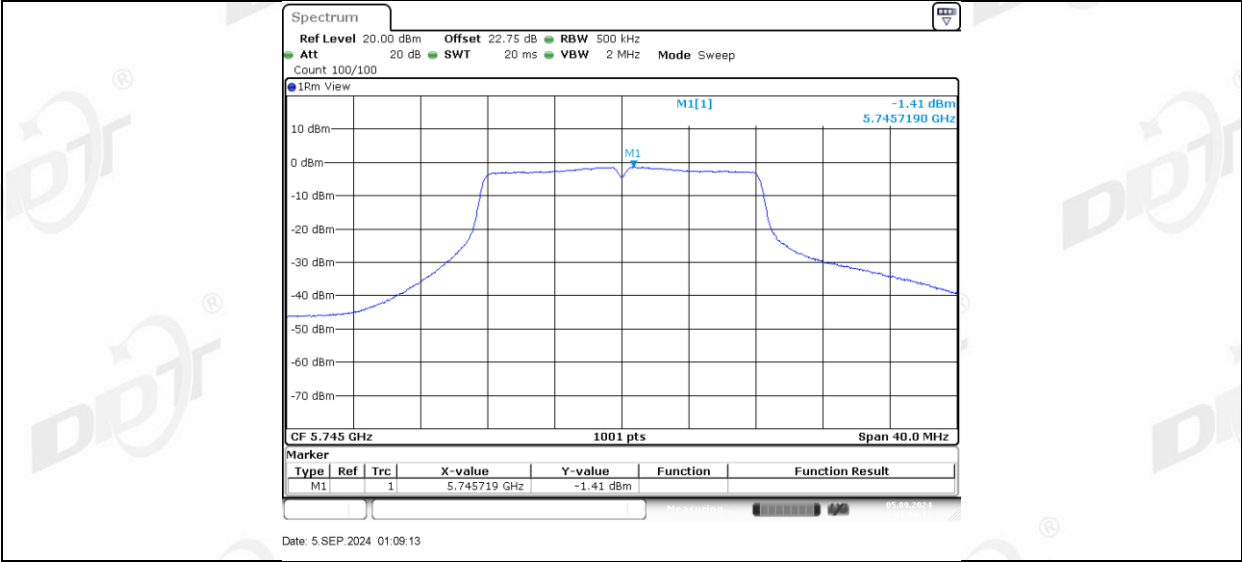
11A_Ant1_5720_UNII-3



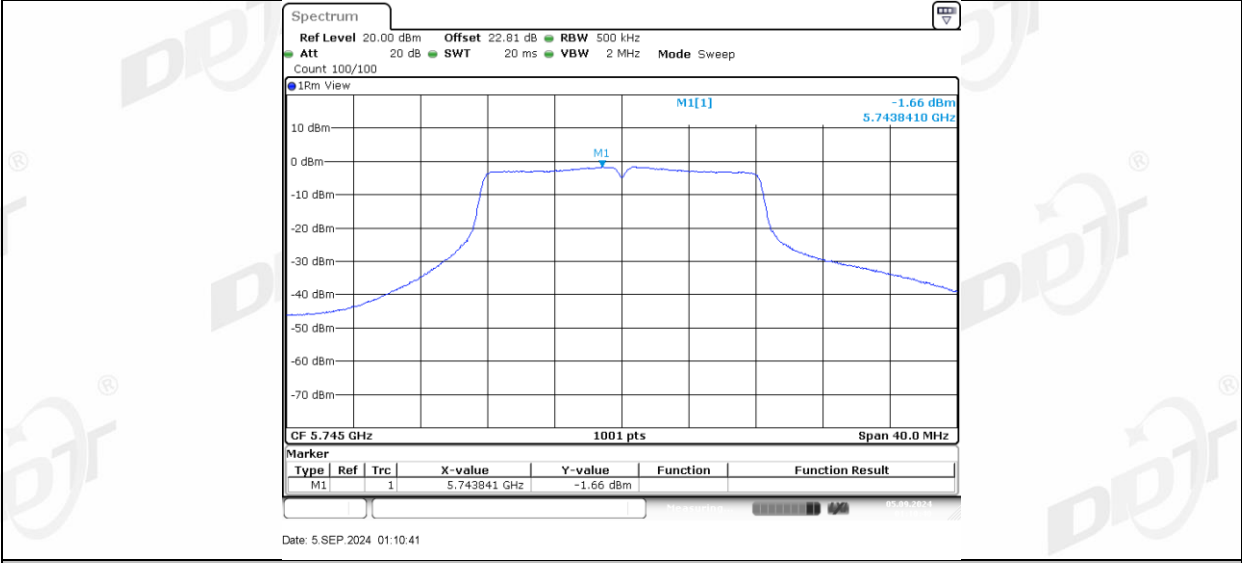
11A_Ant2_5720_UNII-3



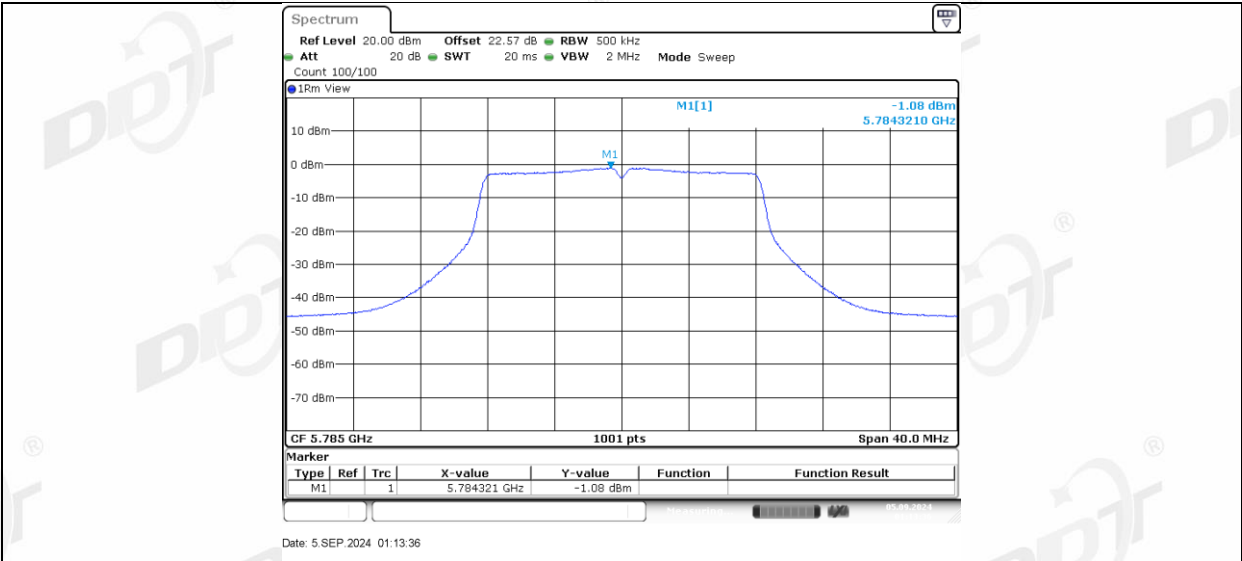
11A_Ant1_5745



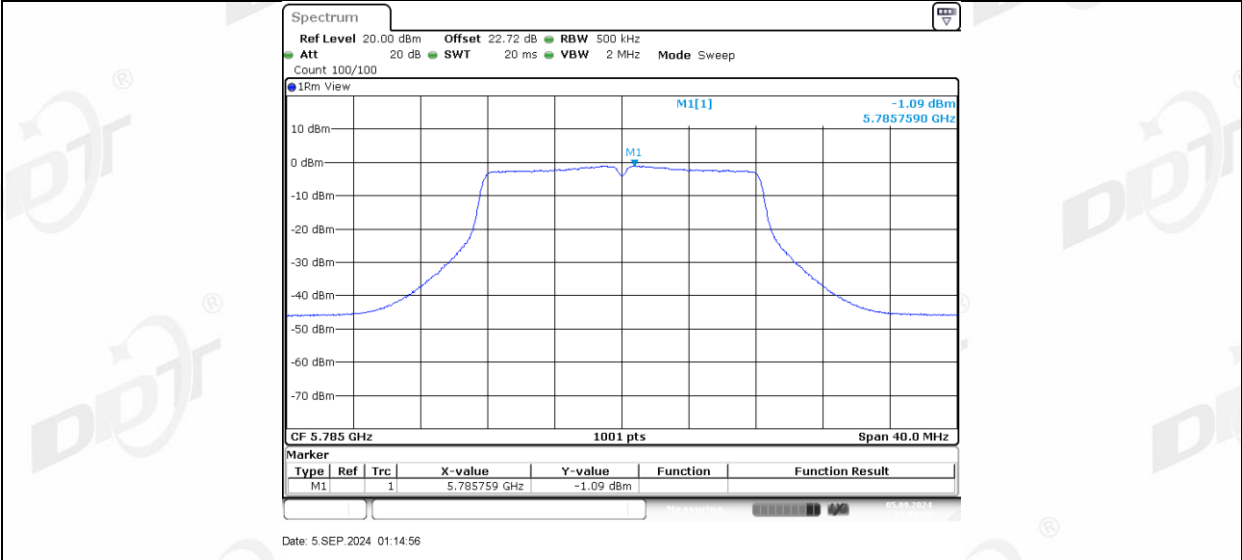
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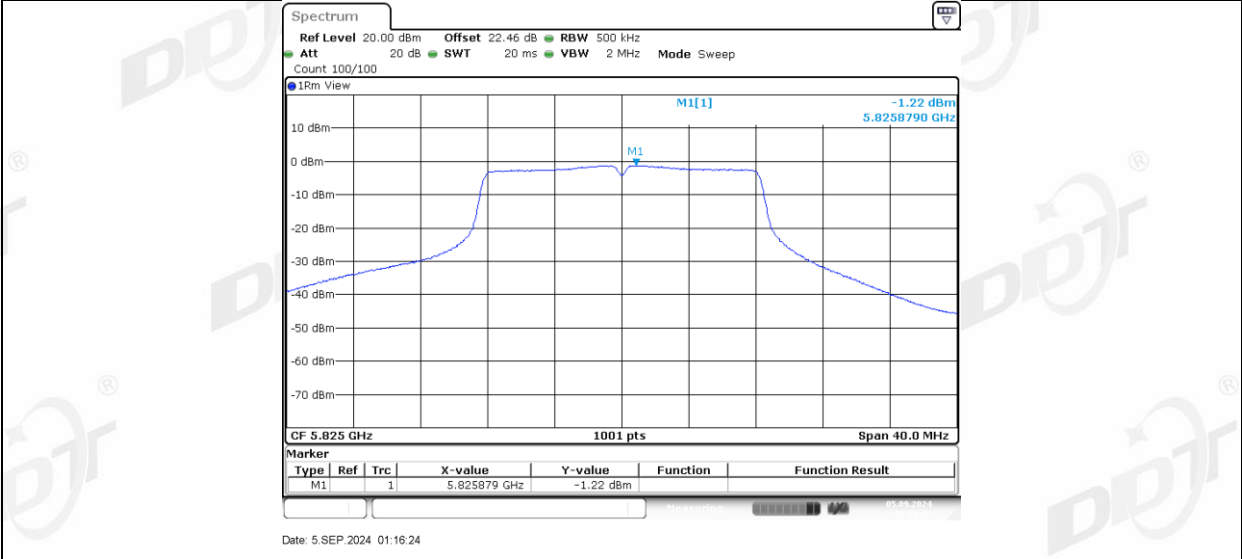
11A_Ant1_5785



11A_Ant2_5785



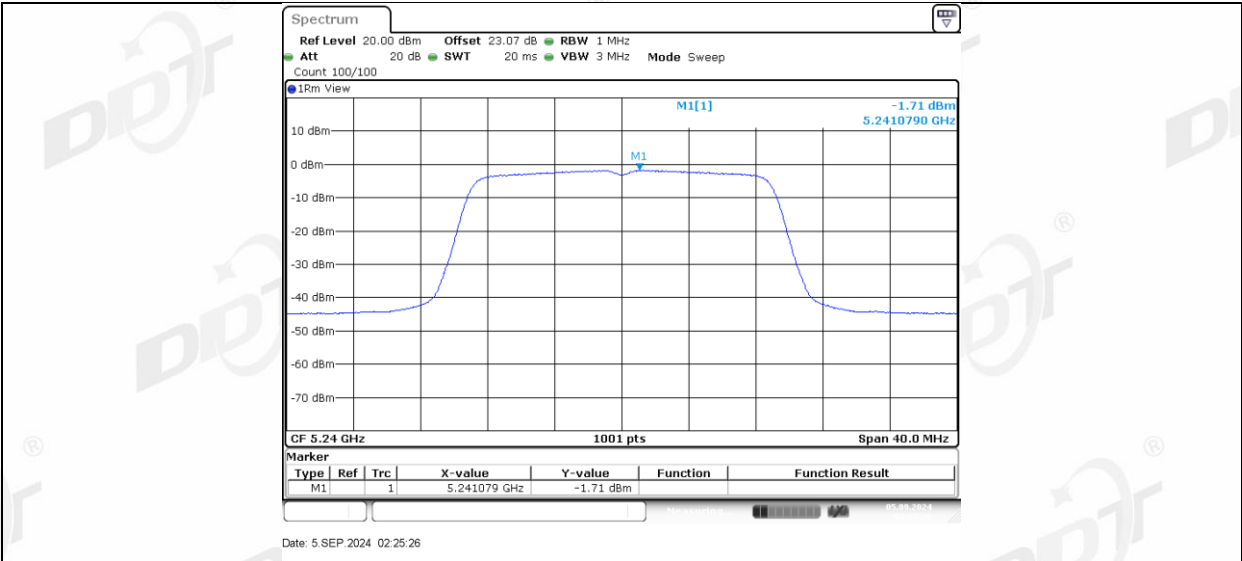
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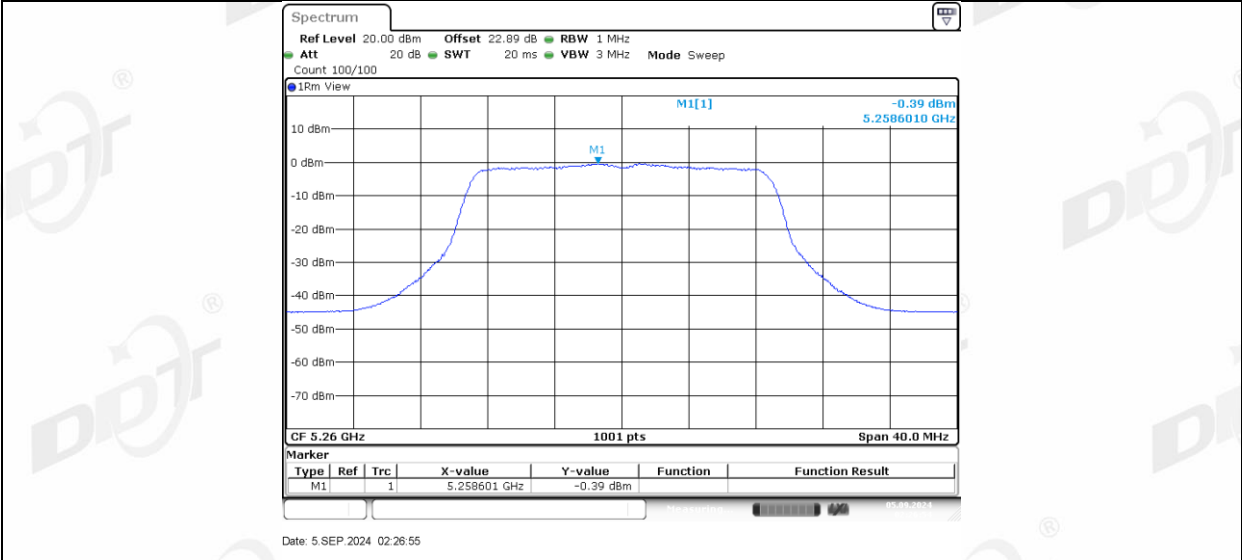
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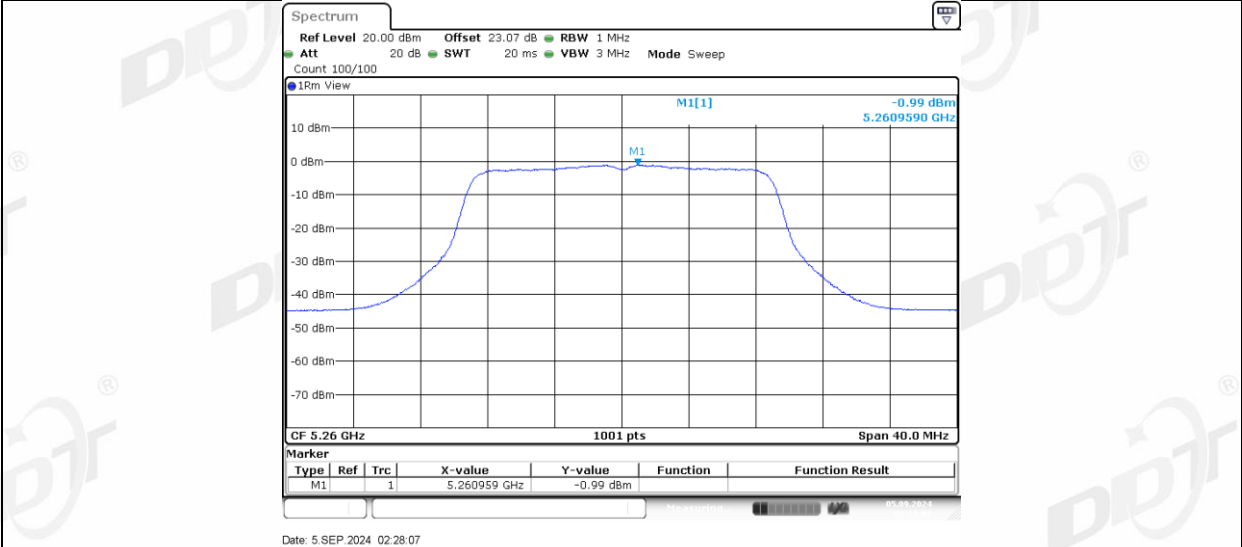




11N20MIMO_Ant1_5260

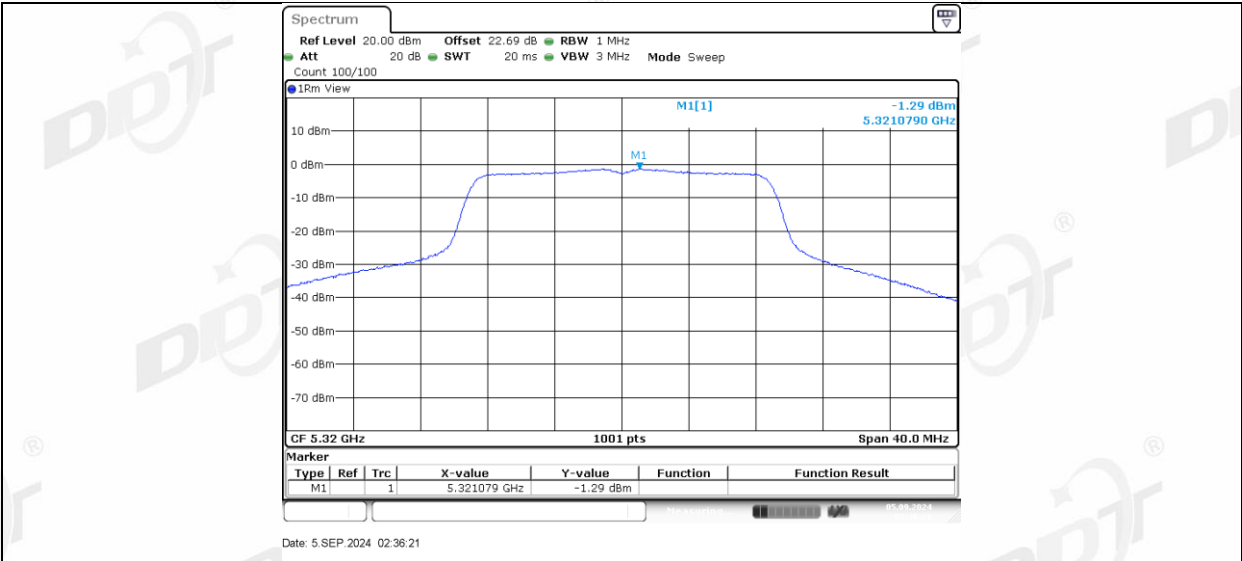


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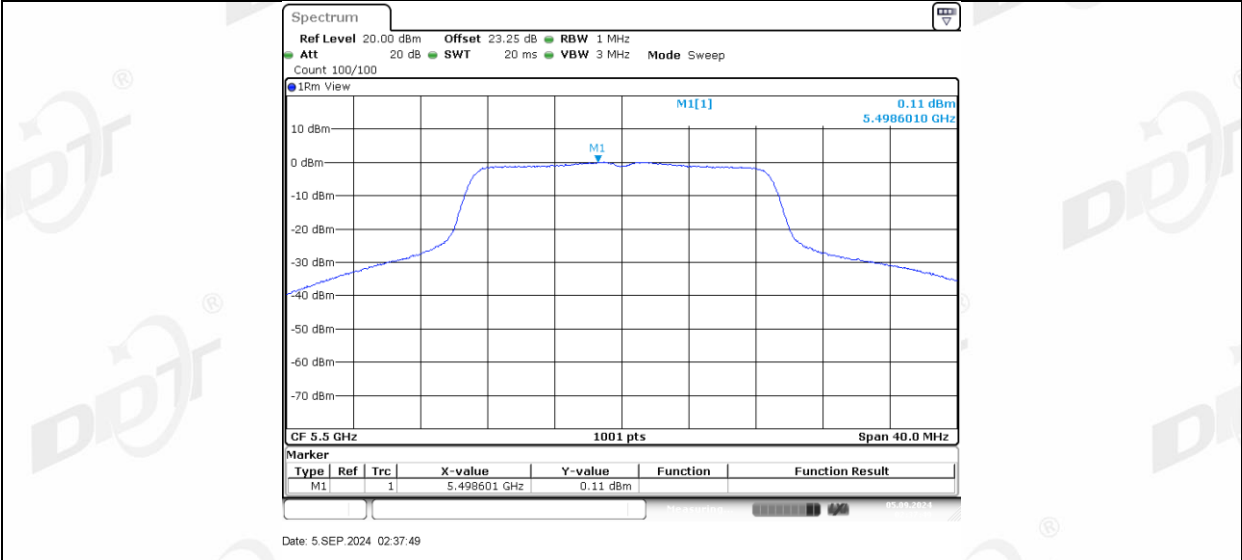


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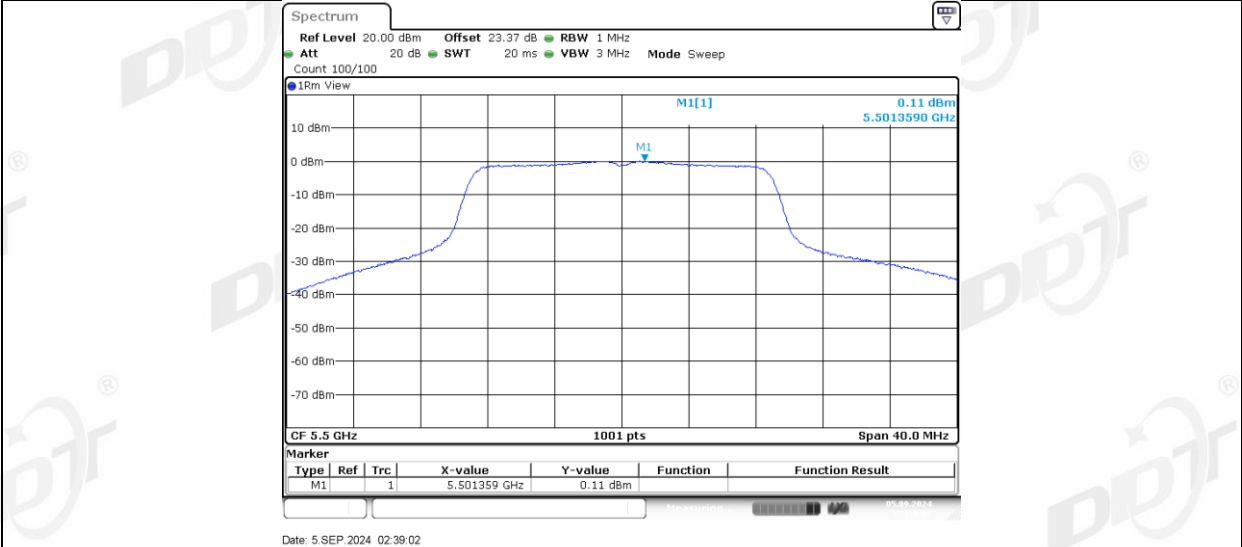




11N20MIMO_Ant1_5500

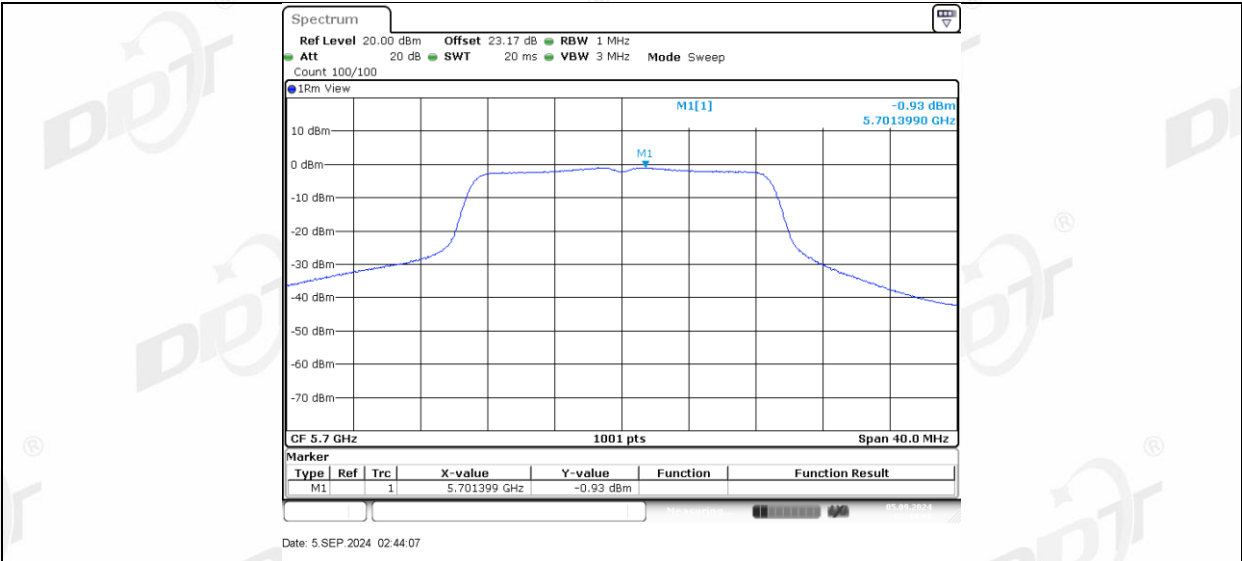


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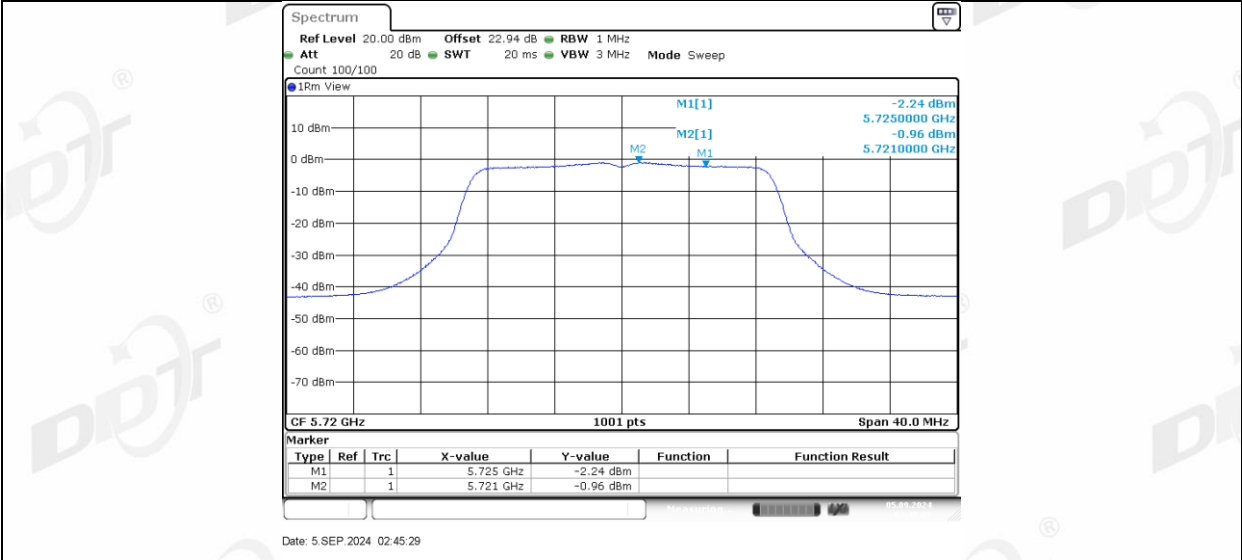


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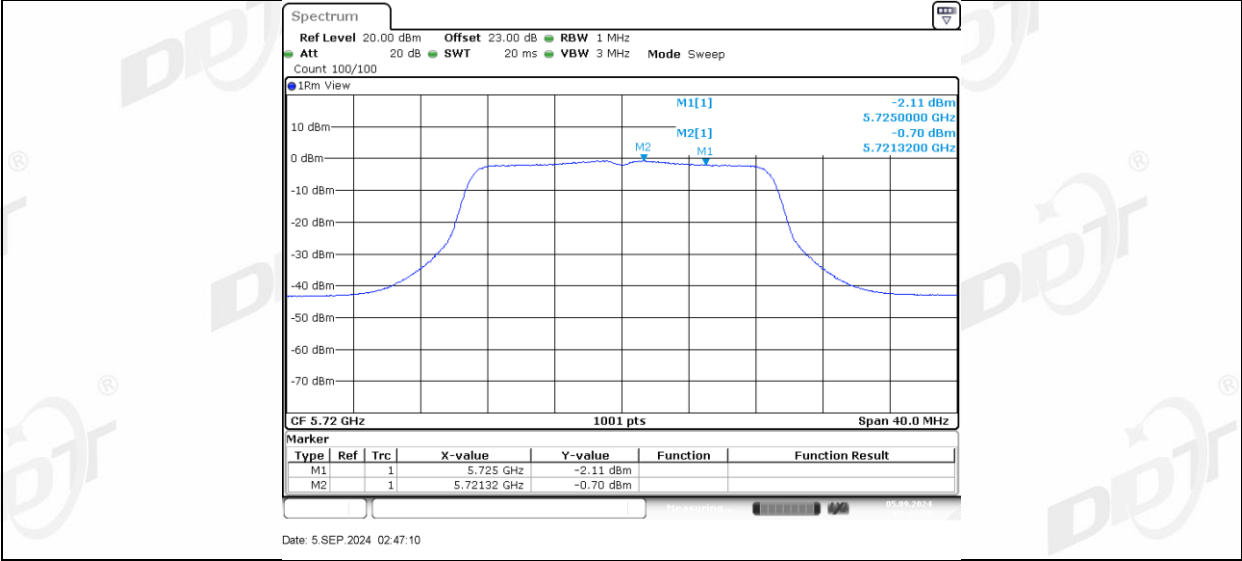




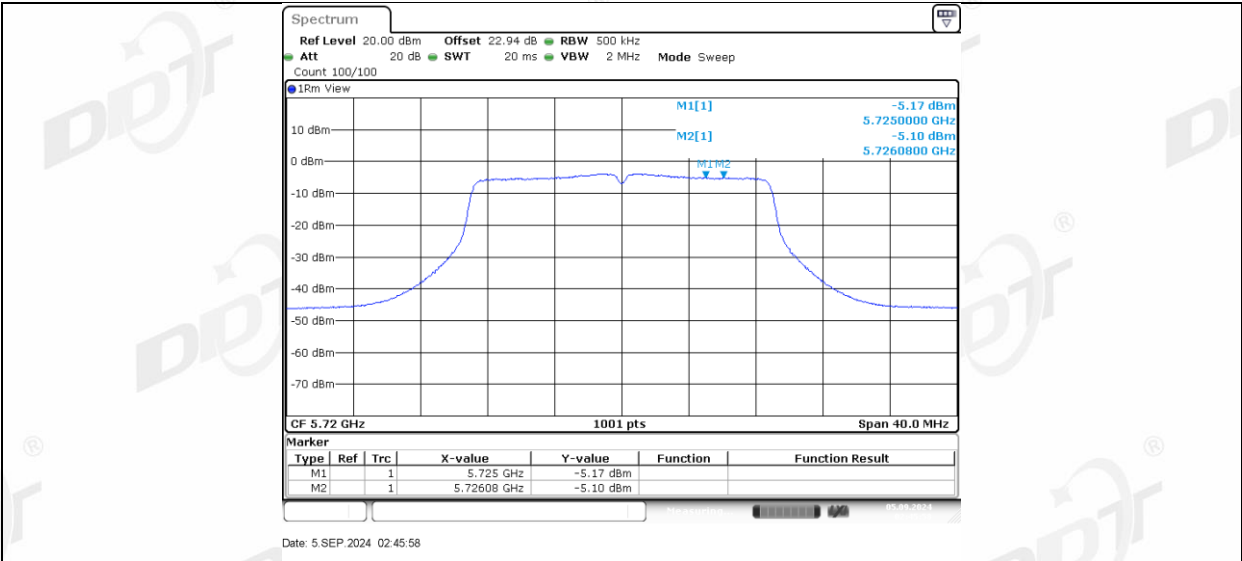
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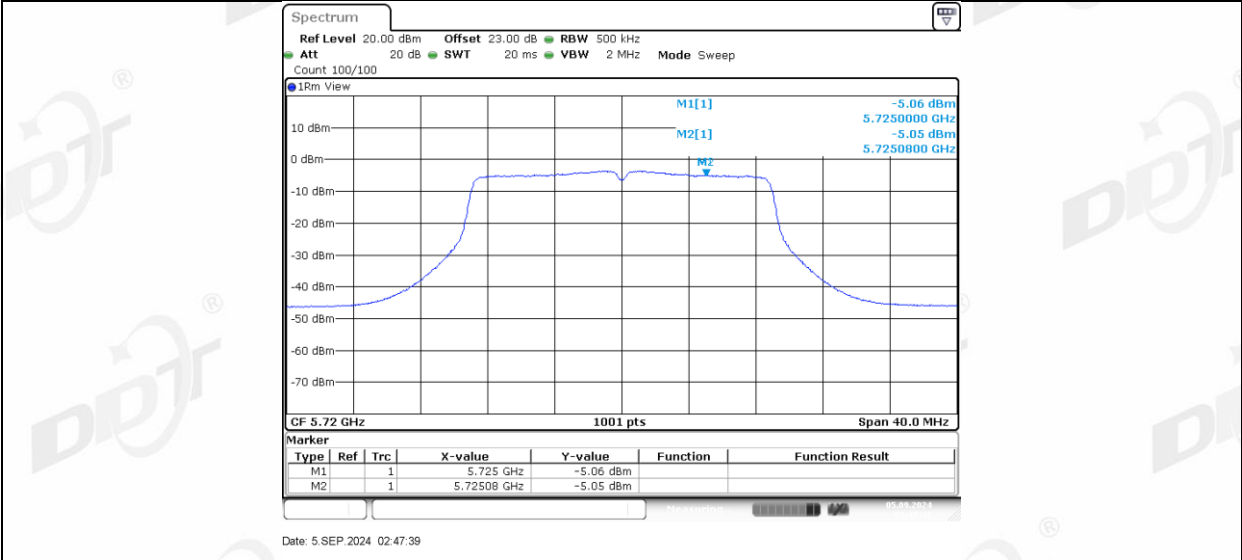
11N20MIMO_Ant2_5720_UNII-2C



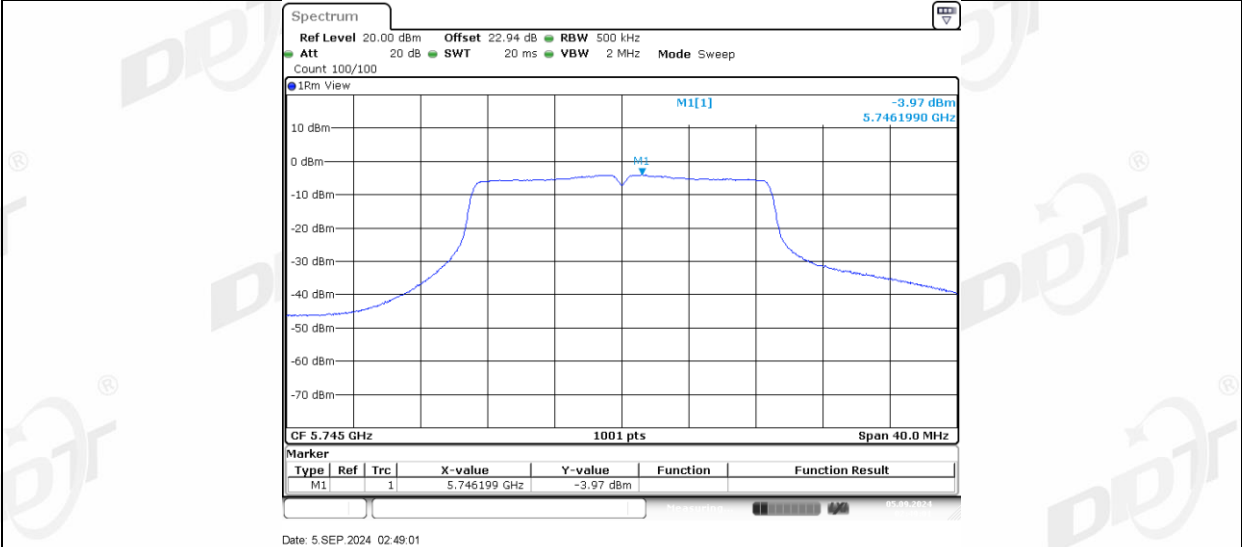
11N20MIMO_Ant1_5720_UNII-3



11N20MIMO_Ant2_5720_UNII-3



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



